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United States
Department of
Agriculture

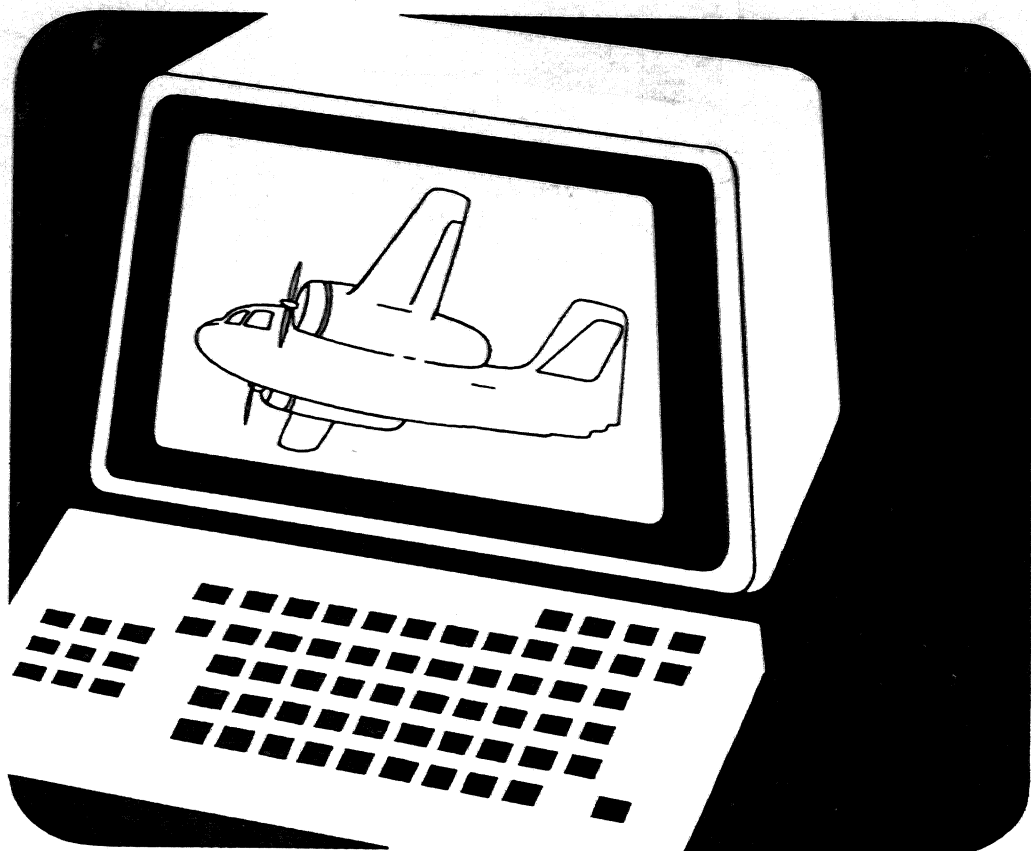
Forest
Service

Aviation and
Fire
Management



Aircraft Use Reporting System: ACUSE

Manual for Aviation Managers
and Users



GOV. DOCS. CLERK

5.2 DATA GENERAL

DATA ENTRY SYSTEM
for
AIRCRAFT USE (ACUSE)
REPORTING SYSTEM

AMENDMENT: USER'S MANUAL
6/1/85

AMENDMENT TO AVIATION AND FIRE MANAGEMENT
AIRCRAFT USE REPORTING SYSTEM (ACUSE)
USER'S MANUAL DATED MAY 1983

Delete: Section 5.2, TI 990 Data Entry/Edit System.

Add: Section 5.2, Data General Entry System.

THIS AMENDMENT WILL PROVIDE ALL INFORMATION NEEDED BY MOST USERS TO INPUT DATA AND TO RETRIEVE OUTPUT REPORTS

The Aircraft Use Reporting System (ACUSE) is designed to provide aviation managers at all levels with fast, accurate information on use of aircraft. It will save thousands of hours of manual calculation and compiling. Some of the special features are:

- * CONTRACT SUMMARY (APPENDIX D-3). This is a computerized payment document which can be used to calculate periodic payments to vendors. It replaces manual completion of form FS-6300-49.
- * QUERIES (APPENDIX E). You can query your data base to obtain specific information. For example:
 - List hours flown by a certain unit over a specified period of time.
 - Calculate gallons of retardant dropped by a specific airtanker on a fire.
 - List hours flown by a specific vendor.
 - Obtain report of pounds of cargo hauled into a specific airport, or by a specific airplane or pilot.
 - Obtain flight hours for a specific pilot or airplane during a specified time.
 - List hours of unavailability of a specific vendor.

And many, many more!

- * DETAILED USE REPORT (APPENDIX D-4). This is a detailed breakdown of hours flown, costs, and types of use of aircraft. It is a useful planning tool for determining future aviation needs based on accurate use information. It can be obtained for the individual Forest or Region.

ACUSE can serve you in a multitude of ways. It will make fast, accurate, records, payments, and tailored reports. It is your friend, ready to help!

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1.1 Identification:

This is the data entry portion of the Aircraft Use Reporting System (ACUSE).

DATE: January, 1983

DEVELOPED BY: Steve Simon
Aviation and Fire Management
Region 1
10/20/82

REVISED BY:
Aviation and Fire Management
Washington Office
1/20/83

DG REVISION: Pat Nooney
Aviation and Fire Management
Region 1
April 1, 1985

USER CONTACTS:

CONTRACT
RELATED: Charlie Rodgers
FTS 8-584-4881
COMM (406) 329-4881

COMPUTER
RELATED: Steve Simon
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* For any questions related to the FCCC edit or S2K data base operation, please call Bernie Erickson at BIFC, FTS: 554-9456.

1.2 Summary:

The ACUSE Data Entry System is a part of a larger system designed to automate flight usage data from Form FS-6500-122. The entire system is used by the local units, Regions, and the Washington Office of Aviation and Fire Management to access flight information in special report format (tri-annual report) or on an "as required" basis.

The system consists of the Data Gathering Phase, the Data Entry Phase, and the Report Phase. During the Data Gathering Phase, the FS-6500-122 is filled out according to the instructions. After the forms are filled out, the Data Entry Phase checks for errors in the data so it can be loaded into a SYSTEM 2000 data base at the Fort Collins Computer Center. During the Report Phase the flight information is retrieved in a standard report format. More specific information can be obtained by Immediate Access Queries.

The AIRCRAFT USAGE DATA ENTRY SYSTEM deals only with the Data Entry Phase. You must have access to a Data General MV4000/8000 system or equivalent and printer attached in order to use it. Other data entry systems have been or are being developed for other types of hardware. Contact Aviation and Fire Management in the Washington Office for more information on these other systems.

1.3 Environment:

The ACUSE Data Entry System is designed to run on the Forest Service network of Data General AOS/VS systems. All programs are written in AOS/VS Basic 3.1 language.

1.4 References:

Preparation of the initial flight data collection Form, FS-6500-122 (10/81), is described in FSM 5717.2. Instructions for operation of the ACUSE including the data base definition can be found in the ACUSE USER'S MANUAL (April 1985).

2.1 Description:

The purpose of the ACUSE Data Entry System is to check the flight information for errors and to assemble the data into a format that can be transmitted to the Fort Collins Computer Center for processing. Each entry is validated according to the edit criteria in APPENDIX-C to insure that only valid data is loaded into the FCCC S2K data base.

2.2 Operation:

Contact your local Computer Specialist for special assistance or training in the use of the DG MV Systems.

2.2.1 Getting Started:

Your computer specialist, after loading the program, will give you instructions on how to access the ACUSE Data Entry System. Then the following menu will appear.

A I R C R A F T U S E

MAIN MENU

- 1 ENTER FLIGHT SHEETS
- 2 CONTRACT FILE MAINTENANCE
- 3 PILOT FILE MAINTENANCE
- 99 EXIT DATA ENTRY SYSTEM

CHOICE:

- (5) A Contract file and a Pilot file must be created before the flight data can be entered. Proceed to "Enter Flight Sheets" if you have already created the Contract and Pilot files.

2.2.2 Create Contract File:

- (1) Select #2 (CONTRACT FILE MAINTENANCE) from the MAIN MENU.
The following will appear:

CONTRACT FILE MAINTENANCE

- 1 CREATE NEW CONTRACT FILE
- 2 UPDATE CONTRACT FILE
- 3 LIST CONTRACT FILE
- 4 ADD TO CONTRACT FILE
- 5 LIST VALID AIRCRAFT MODELS AND SUPPLYING UNIT CODES
- 99 RETURN TO MAIN MENU

CHOICE:

- (2) There is a list of valid aircraft models and supplying unit codes in the packet containing blank FS-6500-122 forms and in APPENDIX-B of this manual. You will need a printed copy of this list if you do not have the FS-6500-122 packet with you. Proceed to step (4) if you do not want a printed copy of this list. Select #5 (LIST VALID AIRCRAFT MODELS AND SUPPLYING UNIT CODES) to get a printed listing of this information. The following message will be displayed:

DO YOU WANT A LIST OF VALID AIRCRAFT MODELS AND SUPPLYING UNIT CODES?
Y/N:

- (3) Press "Y" and new line if you want a printed copy of the valid aircraft models and supplying unit codes. The following message will appear:

ENTER DESIGNATED PRINTER: (Type SC for screen)

Be sure printer is on and the ONLINE light is lit. Typing SC will list the models and codes on the screen which will remain for about 30 seconds. Typing the designation for a printer (such as LPT) will list on a hard copy. Consult your manager for the proper designation.

You will need this list for a reference while entering contract data.

- (4) Select #1 (CREATE NEW CONTRACT FILE). The following message will be displayed:

W A R N I N G W A R N I N G

This job will delete the current contract file. Are you sure you want to do this? (Y/N):

A "Y" response will delete any existing contract file.

- (5) At this point you are ready to enter the contract information. The following display should appear on the screen:

CONTRACT FILE BUILD

VENDOR CODE:

DESCRIPTION:

MANDATORY PERIOD: FROM / / TO / /
 OPTIONAL PERIOD: FROM / / TO / /

CONTRACT NUMBER:

SUPPLYING UNIT CODE:

SUPPLYING UNIT NAME:

VENDOR NAME/ADDRESS:

AIRCRAFT INFO

TYPE: MODEL: MAKE: S/M ENGINE: FAA #:

HOURLY RATE:

EFFECTIVE DATE:

EXTENDED STAND-BY RATE:

FUEL TRUCK MILEAGE RATE:

OVERNIGHT CHARGE:

MANDATORY AVAILABILITY RATE:

AVAIL. PAID

FLIGHT PAID IN: 1 HOURS AND TENTHS

OPTIONAL AVAILABILITY RATE:

1. TENTH HOURS

2 HOURS AND HUNDREDTHS

ONE DAY IS HOURS

2. QUARTER HOURS

3 FLIGHT HOUR METER

3. FULL HOURS

4 HOURS AND MINUTES

You are now ready to enter the contract information?

NOTE: You may exit this program at any time by pressing Control C and Control A. The entry you are currently on will not be entered into the file.

DESCRIPTION: Enter a brief description of the contract (up to 30 characters).

Example: SMOKEJUMPER 206

VENDOR CODE: Enter "1" or "2".

1 = WCF Government owned aircraft.
 2 = All other aircraft.

If "1" is entered, the contract number field will be skipped and "USDA FOREST SERVICE" will be displayed in the VENDOR NAME/ADDRESS field.

MANDATORY PERIOD: Enter the dates during which this aircraft must be available. Press newline if no entry.

OPTIONAL PERIOD: Enter the optional availability period before and/or after the mandatory period. Press newline if no entry. This period must not overlap with the mandatory period. If an optional period is given, the following will appear:

"AND: FROM / / to / /". If newline is pressed, this will be erased.

CONTRACT NUMBER: (Block 2 of 6500-122) Enter the full contract number and item number if appropriate. An entry cannot be made in this field if the vendor code is "1". (Maximum of 20 characters).

SUPPLYING UNIT CODE: (Block 3 of 6500-122) Enter a valid supplying unit code from the inside cover of the packet of FS-6500-122 forms or from the printed listing of valid aircraft models and supplying unit codes. For valid Forest Service codes, refer to Appendix B.

SUPPLYING UNIT NAME: (Block 4 of 6500-122) Enter the Forest or unit name (maximum of 25 characters).

VENDOR NAME/ADDRESS: (Block 6 of 6500-122) Enter the contractor's name and address (maximum of 54 characters).

AIRCRAFT TYPE: (Block 10 of 6500-122) Enter H, T, or F for Helicopter, Tanker, or Fixed wing (1 character only).

AIRCRAFT MODEL: (Block 9 of 6500-122) Enter a valid aircraft model from the inside cover of the packet of FS-6500-122 forms or from the printed listing of valid aircraft models and supplying unit codes (maximum of 8 characters).

AIRCRAFT MAKE: (Block 8 of 6500-122) Enter the make of the aircraft (maximum of 15 characters).

SINGLE/MULTI ENGINE: (Block 11 of 6500-122) Enter "S" or "M" for Single or Multi-engine (1 character only).

FAA NUMBER: (Block 12 of 6500-122) Enter the FAA number. An "N" is automatically supplied as the first character of the FAA number so don't enter the "N" (maximum of 5 characters). If no entry enter newline and the FAA Number will have to be input in the enter Flight Sheets Program.

ACTION: (ENTER: A=ADD B=BYPASS):

ADD: Enter an "A" to enter hourly flight rate. The cursor will move to the HOURLY RATE field. Enter the oldest rate and effective date first. An "A" cannot be entered after the fourth rate is entered. During subsequent updates, after 4 rates have been entered, the oldest rate will be dropped from the file as new flight rates are entered.

BYPASS: Enter a "B" if there are no more flight rate entries. Up to four flight rates may be entered for each contract. The last rate entered should be the current rate. Any flight rate prior to the oldest effective date will have to be entered during the "Enter Flight Sheets" program.

"ACTION: (Enter: A=ADD B=BYPASS)" will not be displayed if the aircraft type is "T" (airtanker). The field will change to:

FUEL CON. (GALS): Enter the fuel consumption rate of the contracted airtanker.

BASE COST (DOLLARS): Enter the base flight rate of the contracted airtanker.

The "Enter Flight Sheets" program will compute and display the Hourly flight rate for airtankers when the fuel cost is entered in Block 33.

HOURLY RATE: (Block 32 of 6500-122) Enter the hourly flight rate (maximum of 4 characters to the left of the decimal point and 2 characters to the right).

Entering a "0" (zero) for HOURLY RATE will require that the rate be entered during the "Enter Flight Sheets" program. ENTER THE OLDEST FLIGHT RATE FIRST if the aircraft has more than one rate.

EFFECTIVE DATE (MM/DD/YY): Enter the 2 digit month, day, and year that the flight rate went into effect.

EXTENDED STAND-BY RATE: Enter the extended standby hourly rate for the contracts with extended standby clauses. Enter a "0" (zero) or newline for all nonapplicable contracts (maximum of 7 digits including decimal).

FUEL TRUCK MILEAGE RATE: Enter the fuel truck mileage rate for helicopter contracts. Enter a "0" (zero) or newline for all other aircraft (maximum of 4 digits including decimal).

MANDATORY AVAIL. RATE PER DAY=: Enter the availability rate per day during the mandatory period. Enter "0" (zero) or newline if no entry (maximum of 7 digits including any decimal). If there are no mandatory dates entered above, no entry can be made in this field.

OPTIONAL AVAIL. RATE PER DAY=: Enter the availability rate per day during the optional period (maximum of 7 digits including any decimal). This entry will be skipped if no dates were entered for OPTIONAL PERIOD.

ONE DAY IS HOURS: Enter the number of availability hours per day as stated in the contract (maximum of 2 digits). Example: 9 hours for airtanker contracts and 10 hours for most smokejumper contracts, and 14 hours for most helicopters.

AVAILABILITY PAID IN: Enter 1, 2, or 3. This is the portion of an hour for which availability is earned. For example, most smokejumper aircraft are 1/10 of hours, the 1985 helicopter contracts are quarter hours, air tankers are full hours. Enter "1" if no availability is paid under the contract.

FLIGHT PAID IN: Enter a "1", "2", "3", or "4".

- 1 = Hours and tenths - for flights recorded in hours and minutes but rounded to hours and tenths for payment.
- 2 = Hours and hundredths - for flights recorded in hours and minutes, but converted to hours and hundredths for payment.

3 = Flight Hour Meter - for flights recorded and paid by flight hour meter.

4= Hours and minutes - for flights recorded and paid in hours and minutes.

NOTE: For contracts paid in hours and minutes, screen displays during the flight use report input program and will show elapsed time in hours and minutes and flight charges will be computed using hours and minutes; however, flight time will be converted to hours and hundredths, before being sent to Fort Collins.

(6) The following message will be displayed after entering each contract.

ENTRY CORRECT (Y/N): Y

Press "Y" and newline if the entry is correct. Enter "N" if an entry is not correct. Entering an "N" will allow you to advance through each item and correct any errors. A newline will leave the specific item unchanged. If the vendor code is 2, a message will appear when the cursor sets on the Mandatory Date field:

Do you want to change availability dates? (Y/N):

A "Y" response will erase another message:

You must ENTER DATES! A newline will erase previous entries.

If you respond "Y" you must enter all relevant dates.

A "N" response to the first message will cause the cursor to skip this field and no changes will be made.

Respond with a "Y" after all the errors have been corrected. The contract data will be added to the contract file and the following message will be displayed:

MORE CONTRACTS (Y/N):

Press "Y" and newline and repeat steps (5) and (6) if you have more contracts to enter. Enter "N" if you have no more contracts to enter.

(7) You will be returned to the Contract Maintenance Menu after you have built your Contract File.

CONTRACT FILE MAINTENANCE

- 1 CREATE NEW CONTRACT FILE
- 2 UPDATE CONTRACT FILE
- 3 LIST CONTRACT FILE
- 4 ADD TO CONTRACT FILE
- 5 LIST VALID AIRCRAFT MODELS AND SUPPLYING UNIT CODES
- 99 RETURN TO MAIN MENU

CHOICE:

You should select #3 (List contract file) to print the contracts. You will need a copy while entering the flight sheets.

- (8) Review the contract information for correctness. Errors or changes in the contract file can be corrected by selecting #2 (UPDATE CONTRACT FILE) from the Contract File Maintenance menu. Additional contracts can be added to the contract file if you select #4 (Add to Contract File) and proceed to step (5). Proceed to "Create Pilot File" if the contract information is correct and complete.
- (9) Update Contract File: This program is used to make changes to contracts that have been previously entered, such as changing flight rates, FAA numbers, etc. Proceed as in steps (2) and (3) if you need a list of valid aircraft models and supplying unit codes. Enter the number from the left hand margin of the Contract File listing when "ENTER CATALOG NUMBER OF CONTRACT TO UPDATE:" is displayed. Press return for valid entries and make corrections to any errors. Again, you must specifically indicate a desire to change dates for availability.
- (10) Add to Contract File: Select #4 (ADD TO CONTRACT FILE) from the Contract File Maintenance menu and proceed as in steps (5) thru (8). Do not use the create program to add to the contract file because it will delete the existing contracts in the contract file.
- (11) List Contract File: You should get an updated listing of the Contract File after making any changes or additions to the Contract File. Select #3 (LIST CONTRACT FILE) from the Contract File Maintenance Menu. You will have a choice of displaying the Contract File to the screen or printed on a hardcopy. The following will appear on the screen:

CONTRACT FILE PRINTOUT
ENTER DESIGNATED OUTPUT DEVICE:
(TYPE SC FOR SCREEN OUTPUT)

Type in SC to display file on the screen. On the screen display, you will be asked the question "Next?" about mid-screen. This is to view the various effective dates and hourly rates. A "N" response will stop or skip this routine. At the message line, you will be asked whether you want to view the next contract. A "N" response will return you to the prompt "RETURN TO MENU? (Y/N):". A "N" response here will return you to the "...PRINTOUT" prompt above. A "Y" response will return you to the Maintenance Menu.

Type in the designation for the appropriate printer, if desired. Such designation may be LPT or LQP (LPT is the default line printer and LQP is the default letter quality printer for your system) consult your system manager if not certain. The listing will be printed, then you will be asked whether to return to the Maintenance Menu. The Contract file number from the left hand margin of the printout will be required when entering the flight sheets.

2.2.3. Create Pilot File:

A Pilot File must be created before the flight data can be entered.

- (1) Enter "99" (RETURN TO MAIN MENU) if you are still in the Contract File Maintenance menu.

A I R C R A F T U S E

MAIN MENU

- 1 ENTER FLIGHT SHEETS
- 2 CONTRACT FILE MAINTENANCE
- 3 PILOT FILE MAINTENANCE
- 99 EXIT DATA ENTRY SYSTEM

CHOICE:

Select #3 (PILOT FILE MAINTENANCE). The following menu will appear:

PILOT FILE MAINTENANCE

- 1 CREATE NEW PILOT FILE
- 2 UPDATE PILOT FILE
- 3 LIST PILOT FILE
- 4 ADD TO PILOT FILE
- 99 RETURN TO MAIN MENU

CHOICE:

- (2) Select #1 (CREATE NEW PILOT FILE). The following message will be displayed:

W A R N I N G W A R N I N G
This job will delete the current
pilot file. Are you sure you
want to do this? (Y/N):

Enter "Y" to create a pilot file. Entering "N" will return you to the Pilot File Maintenance menu.

- (3) The following will be displayed if you entered a "Y" in step (2):

PILOT FILE INPUT

LAST NAME:

FIRST NAME:

MIDDLE INITIAL:

- (4) Enter the pilot's last name (up to 20 characters), first name (up to 15 characters), and middle initial (1 character only). The first name and middle initial are optional.

NOTE: You may exit this program at any time by pressing Control C - Control A. The entry you are currently on will not be entered into the file.

- (5) ENTRY CORRECT (Y/N): Press "Y" and return to accept the entry. Enter "N" to make any corrections.
- (6) MORE PILOTS (Y/N): Press "Y" and return and repeat steps (4), (5), and (6) until you have no more pilots to enter. Enter "N" when you are through entering pilot data. You will be returned to the Pilot File Maintenance menu.

PILOT FILE MAINTENANCE

- 1 CREATE NEW PILOT FILE
- 2 UPDATE PILOT FILE
- 3 LIST PILOT FILE
- 4 ADD TO PILOT FILE
- 99 RETURN TO MAIN MENU

CHOICE:

- (7) Select #3 (LIST PILOT FILE) to get a listing of the pilot file. See List Contract File for printer designators. Errors can be corrected by selecting #2 (UPDATE PILOT FILE). Select #4 (ADD TO PILOT FILE) and proceed to step (4) to add more pilot names to the file. Proceed to "Entering FS-6500-122 Data" when the pilot data is correct and complete.
- (8) Update Pilot File: SELECT #2 (UPDATE PILOT FILE) from the Pilot File Maintenance menu. Enter the pilot number from the Pilot File Listing and make any necessary changes.
- (9) Add To Pilot File: Select "4" from the Pilot File Maintenance Menu. Additional pilots may be added to the file. You should make a new listing after the new pilots have been added.

2.2.4 Entering FS-6500-122 Data:

Blocks 5, 35 and 42, 43 and 44 are for information only. They are not entered into the Aircraft Usage Data Entry System. You must build a contract file and a pilot file before entering flight date from the FS-6500-122 forms. Go back to Create Contract and Create Pilot if you have not done so.

- (1) Select #1 from the main menu (ENTER FLIGHT SHEETS). The following menu will be displayed:

DATA ENTRY FLIGHT SHEETS

- 1 START NEW DATA ENTRY SESSION
- 2 CONTINUE A DATA ENTRY SESSION
- 3 READY DATA TO BE SENT TO FCCC
- 99 RETURN TO MAIN MENU

CHOICE:

- (2) Select #1 (START NEW DATA ENTRY SESSION). This will allow you to create a file which will contain the FCCC runstream and flight data. This data file should be transmitted to FCCC after the flight sheets have been entered. The following message will be displayed:

ENTER UNIQUE FLIGHT FILENAME:

Enter a unique filename or the name of a file which you wish to overwrite. The display will change to the following and step 3 will be skipped if you selected #2 (CONTINUE A DATA ENTRY SESSION):

ENTER EXISTING FLIGHT FILENAME:

- (3) The following screen will be displayed if you selected #1 (START NEW DATA ENTRY SESSION).

ENTER RUN-ID:

ENTER ACCOUNT NUMBER/USER NAME:

ENTER RUN QUALIFIER:

ENTER SITE-ID:

ENTER REGION NUMBER:

ENTER FCCC PASSWORD:

ENTER NAME OF FILE TO BE CREATED AT FCCC:

ENTER ACUSE DATA BASE PASSWORD:

Enter the FCCC runstream data. The name of the file to be created at FCCC can be any valid FCCC filename. The Qualifier should adhere to the FCCC qualifier naming convention but any qualifier will be accepted. Contact your Computer Specialist for specific details concerning FCCC runstreams and required information. The ACUSE password must be the Read/Write password.

ENTRY CORRECT (Y/N): Y Enter an "N" to make corrections to runstream data. Press return to continue.

(4) You are now ready to enter the information from the FS-6500-122 sheets. There are 4 different screen displays associated with each FS-6500-122.

- a. The first screen is used to enter the Sequence Number and Date of Flight.

SCREEN #1

USDA FOREST SERVICE

AIRCRAFT UTILIZATION SYSTEM

Enter either Sequence Number or STOP
[]

ENTER FROM BOTTOM LEFT BLOCK OF FS-6500-122 (10/81)
ALL NUMERIC FIELD.

Enter the Sequence Number from the 6500-122. Enter "STOP" if there are no more flight sheets to enter.

USDA FOREST SERVICE

AIRCRAFT UTILIZATION SYSTEM

Enter either Sequence Number or STOP
[]

ENTER DATE OF FLIGHT

/ /
(MM/DD/YY)

Enter the Date Of Flight from Block 1 of the FS-6500-122 form. ENTRY CORRECT (Y/N): Y Enter "N" to correct the Sequence Number or Date of Flight. Press return to continue. The year must be between 81 and 99 and the date cannot be greater than the current date.

b. The second screen will display the following:

Screen #2

SEQ NO: 1234567

CONTRACT/ RENTAL NUMBER: (2)	CODE: (3)	SUPPLYING UNIT NAME: (4)	VENDOR (Name/Add: FS CODE: [] (6)
CONTRACT LIST NO. []	[]	[]	[]
[]	[]	[]	[]
			[]
			[]

Note: The sequence number appears on the upper right corner of the screen.

CONTRACT LIST NO. Enter the number from the left margin of the contract file listing (maximum of 2 digits). The Contract/Rental number may be entered if the Contract List number is not known.

CONTRACT/RENTAL NUMBER: (Block 2 of 6500-122). This will be supplied automatically from the contract file if you entered a Contract List number.

SUPPLYING UNIT CODE: (Block 3 of 6500-122). Will be displayed from the contract file.

SUPPLYING UNIT NAME: (Block 4 of 6500-122). Will be displayed from the contract file.

FS CODE: Will be displayed from the contract file. 1 = USFS, 2 = ALL other vendors.

VENDOR NAME/ADDRESS: (Block 6 of 6500-122). Will be displayed from the contract file.

The screen will be ready to accept the pilot information at this point.

SCREEN #2

SEQ NO: 1234567

CONTRACT/ RENTAL NUMBER:		SUPPLYING UNIT		VENDOR (Name/Add:	
(2)	CODE: (3)	NAME: (4)	FS CODE:	[]	[]
CONTRACT LIST NO. []	[]	[]	[]	[]	[]
[]	[]	[]	[]	[]	[]
		PILOT'S NAME:	[]	[]	[]
		(7)			
(NO.)	(Last)	(First)	(MI)	AIRCRAFT MAKE	
				(8)	
A:[]	[]	[]	[]	[]	[]
B:[]	[]	[]	[]	[]	[]

PILOT NO: Enter the number from the left margin of the Pilot File Listing. Enter "99" if the pilot's name is not on the listing.

USER UNIT: (Block 15 of 6500-122). Enter the user unit (maximum of 4 characters). This entry will be dittoed after the first line is entered. Press newline to accept the dittoed entry or rekey the user unit. Valid Forest Service user units may be found in Appendix B.

USER CODE: (Block 16 of 6500-122). Enter the user code (maximum of 2 digits). Valid entries are 1 thru 27. This entry will be dittoed after the first line is entered.

FIRE NAME OR PROJECT: (Block 17 of 6500-122). Enter the fire or project name (maximum of 20 characters). This entry is not edited.

DESTINATION: (Block 18 of 6500-122). Enter the destination name (maximum of 15 characters). A destination is optional for non-flight usage codes (35-39). This entry is not edited.

USAGE CODE: (Block 19 of 6500-122). Enter the usage code. Valid entries are 1 thru 39. Blocks 20 thru 28 will be skipped if usage code is 35, 37, or 38. Blocks 20 thru 33 will be skipped if usage code is 39.

TRAINING: (Block 20 of 6500-122). Enter an "X" if this is a training mission. Press newline if it is not.

PILOT (A,B): (Block 21 of 6500-122). Enter an "A" or "B" if two pilots were entered in Block 7 (PILOT'S NAME) of the second screen. "A" is default if only one pilot was entered in Screen #2.

NUMBER OF CREW MEMBERS: (Block 22 of 6500-1220). This entry is required if usage code 36 (extended standby) is used or a flight. Acceptable crew members are pilot, copilot, stewardess, flight attendant, and flight engineer. Maximum number of crew members is 5. Default value is "1".

NUMBER OF PASSENGERS: (Block 23 of 6500-122). Enter the number of people on the aircraft that were not listed as crew members. "Passenger" includes jumpers, spotters, helitack, rapellers, etc. This entry may be blank. Default value is "0". Maximum number is 99.

NUMBER OF JUMPERS: (Block 24 of 6500-122). Enter only the number of those who actually jumped. This entry may be blank. Default is "0" maximum number is 12.

CARGO TYPE: (Block 25 of 6500-1220). Enter a "P" for paracargo, "S" for sling load, or "C" for all other. An "L" will be accepted but it will be displayed as a "C".

CARGO POUNDS: (Block 26 of 6500-122). Enter the number of pounds of cargo between 0 and 50,000. This entry is skipped if CARGO TYPE was not entered. A "Heavy Cargo Warning" will be displayed at the bottom of the screen in pounds (over 10,000) but entry will be accepted.

RETARDANT TYPE: (Block 27 of 6500-122). Enter "W" for water, "L" for liquid base, or "S" for solid based retardant. This entry is skipped unless usage code is 10.

RETARDANT GALLONS: (Block 28 of 6500-122). Enter the number of gallons of retardant dropped (between 0 and 5000). An "Unusual amount of Retardant" warning will be displayed if gallons exceed 3,000, but entry will be accepted.

CLOCK TIME: (Block 29 of 6500-122). Enter the clock start and stop times using a 24-hour clock (1300 = 1:00 p.m., 2400 = midnight). Clock time may cross from one day to the next, i.e., start (2300) stop (0230). Clock time is required for contracts paid in clock time. Clock time is also required for usage codes 36, 37, and 38.

FLIGHT HOUR METER: (Block 30 of 6500-122). Enter the flight hour meter start and stop times for flights paid in Flight Hour Meter. This entry is skipped if the contract is paid in clock time or the usage code is 35 thru 39.

ELAPSED TIME: (Block 31 of 6500-122). This entry will be calculated and displayed automatically from clock time or flight hour meter. For usage code 36, (extended standby) elapsed time will be rounded to the next full hour (i.e., on hour and 15 minutes will be rounded to 2 hours). For airtankers, elapsed time for usage code 37 will be rounded to the last hour (i.e., 6 hours and 30 minutes will become 6 hours). Total elapsed time for usage code 37 cannot exceed the entry for hours per day in the contract file.

RATE: (Block 32 of 6500-122). Will be displayed automatically if the rate is in the contract file. Otherwise, enter the hourly flight rate if usage code is 1 thru 34. Enter the daily availability rate if usage code is 37.

FUEL COST: (Block 33 of 6500-1220). Enter (for airtankers only) the fuel cost per gallon at the base from which the airtanker was operating. RATE (block 32) will be calculated and displayed after fuel cost is entered.

CHARGES: (Block 34 of 6500-122). Charges will be computed and displayed for all usage codes except 35 and 39. Enter the charges for usage codes 35 and 39. For usage code 39, "0" may be entered.

ENTRY CORRECT (Y/N): Y Enter "N" to make corrections to the entries on this screen. You will be asked for the Block Number to correct and the cursor will move to that block. Some blocks cannot be edited. A message will appear if this situation occurs. Press return to continue if all entries are correct.

NOTE: You may cancell this entry at any time by pressing Control C and Control A. Cursor will go back to block 15 (User Unit). A second Control C and Control A would return to screen #1 (Sequence number) and the invoice will have to be re-entered.

When you have no more lines to enter, type an "E" in block 15 (User Unit). This will end the line entry portion of the program.

DO YOU HAVE MORE LINES TO ENTER? (Y/N): Y Press return to continue entering lines (blocks 14 thru 34). Enter "N" to enter blocks 36 thru 41 on screen #4.

d. The final display (screen #4) is used to enter the data in blocks 36 thru 41.

SCREEN #4				SEQ NO: 1234567
TOTAL CHARGES: (36)	OVERNIGHT CHARGES: (37)	SERVICE TRUCK CHARGES: (38)	OTHER CHARGES OR CREDITS: (39)	TOTAL OF ALL CHARGES: (40)
[]	[]	[]	[]	[]
	Location:	Miles:		
TOTAL FLIGHT TIME	[]	[]		
	No of Crew Members:	Rate:	REMARKS:	
			(41)	
[]	[]	[]		
	Rate:		[]	
	[]			

TOTAL CHARGES: (Block 36 of 6500-122). This entry is computed and displayed automatically from screen #3. No entry is required. Total Flight Time will also be computed and displayed below Total Charges.

OVERNIGHT CHARGES (Y/N): N (Block 37 of 6500-122). Press return if there are no overnight charges. Enter "Y" if there are any overnight charges and enter the following:

LOCATION: Enter the location (maximum of 9 characters).

NO. OF CREW MEMBERS: Enter the number of crew members.

RATE: Will be displayed as entered in contract file, or must be entered at this time.

OVERNIGHT CHARGES: Calculated and displayed from the above data.

SERVICE TRUCK CHARGES (Y/N): N (Block 38 of 6500-122). Press return if there are no service truck charges. Respond with "Y" and enter the following if there are any service truck charges:

MILES: Enter the number of miles to be paid.

RATE: The rate will be displayed from the contract file.

CHARGES: The charges will be calculated and displayed after the miles are entered.

BLOCK 38 IS SKIPPED IF THE AIRCRAFT IS NOT A HELICOPTER.

OTHER CHARGES OR CREDITS (Y/N): N (Block 39 of 6500-122). Press return if there are no other charges or credits. Enter "Y" if there are other charges. A deduction may be entered as a negative number, (i.e., -200).

TOTAL OF ALL CHARGES: (Block 40 of 6500-122). This entry is calculated and displayed automatically. No entry is required.

REMARKS: (Block 41 of 6500-122). Remarks are entered as two lines. The first line may be up to 16 characters in length. The second line may be up to 10 characters in length. Lines at longer length will be truncated. You may want to enter comments concerning usage code 39 (Other).

ENTRY CORRECT (Y/N): Y Enter "N" to make corrections to the data on this screen. Press newline if all entries are correct.

NOTE: You may delete the entire 6500-122 that you are currently entering by pressing Control C and Control A and pressing "Y" newline when the following message is displayed:

DO YOU WISH TO DELETE THIS FS-6500-122? (Y/N):

Respond with "N" if you wish to reenter screen #4 (Blocks 36 thru 41).

2.2.5 Ready Data To Transmit To FCCC:

Select #1 (ENTER FLIGHT SHEETS) from the main menu. The Flight Sheets menu will appear on the screen.

DATA ENTRY FLIGHT SHEETS

- 1 START NEW DATA ENTRY SESSION
- 2 CONTINUE A DATA ENTRY SESSION
- 3 READY DATA TO BE SENT TO FCCC
- 99 RETURN TO MAIN MENU

CHOICE:

Select #3 (READY DATA TO BE SENT TO FCCC). This program adds the final runstream to your data file so it will run at FCCC. The run priority is "L", the run time limit is 5 minutes, and the maximum pages is set at 500. Contact your computer shop for the proper procedure for sending jobs to FCCC.

NOTES:

1. The data files which are built in CLI may be edited if necessary. Access CLI and type "FS" to list all the files in your area. ".AVN" is appended to all the files created by the "Enter Flight Sheets" program. Contact your computer specialist for instruction in using the SED (text editor). Care must be taken while making changes using SED. Some data appears in more than one field and all must be changed if one is change. Sometimes it will be easier to delete an invoice rather than edit it. When deleting an invoice, be sure to delete all associated records--A through G (there may be more than one F and G record). You will then have to re-enter the invoice in a new file. In the future we plan to have a program written which will allow the user to edit individual flight use reports they have built into a file.

2. Do not attempt to continue a data entry session after that file has been readied to be sent to FCCC. The continued information will not be transmitted.

Once you have confirmation that your file has been loaded into the S2K Data Base, you should delete that file from CLI.

3. All invoices should be checked for the correct coding before they are entered into the ACUSE program, especially if the invoice will be entered by someone who is not knowledgeable of the proper coding. Potential problems are

- a) Invalid/incorrect user unit (Block 15).
- b) Incorrect user code (Block 16).

User Codes 1-25 are for FS users only. States, BLM, NPS, etc. should be coded 26 or 27.

- c) Incorrect Usage Code (Block 19).

Be sure fire suppression activities are separated from the other activities, i.e., use code 05 not 18 for personnel transport for fire missions.

For training missions (retardant, smokejumper, helitack) enter a Fire Suppression Code (10, 11, 12) and enter an "X" in the training block (20). Ferry (Code 20) should be used only if the primary mission is to move an aircraft from one base to another for standby such as ferrying a lead plane from Missoula, MT, to Winslow, AZ, for a detail. Normally code a flight to the primary purpose of the mission.

Example: An aircraft goes empty from ABQ to SVC to pick up 4 passengers and returns them to ABQ on a fire suppression mission. The first leg should be coded 05 and show "0" passengers. The second leg would be coded 05 and 4 passengers.

Example: An airtanker departs with a load of retardant from LGD to the Deschutes NF; drops on a fire and makes several reloads out of RDM. At the end of the day, the airtanker flies from RDM to LGD empty. Code all the flights to usage code 10 (Retardant/Water Delivery). On the last leg, when the aircraft was empty, enter W,L, or S in block 27 and enter "0" (zero) gallons of retardant carried.

4. Every flight invoice must have a line entry. Sometimes it is necessary to enter "dummy information" on the line entry portion of the program. An example of this would be:

An airtanker is away from the designated base on a day off. Overnight fees (Block 37) are earned, but no availability, flight, etc. are shown in blocks 14-34. The best way to record the information is to enter "dummy" data in Line 1. For blocks 15 and 16 enter the User Unit and User Code to which the overnight fees are charged. In Block 19 enter a Usage Code of 39. In Block 34 enter zero (0). This will allow you to exit the line entry portion of the program and enter the O.N. charges on screen #4.

5. Another potential problem is entering invoices twice. A good way to avoid this is have the person who is entering the invoices put their initials on the 6500-122 over the sequence number when the invoice is entered into a file. This will tell you whether an invoice has been entered. Also, always make your entries from the same colored copy (white, pink, or yellow).

6. Never delete your CLI files until you have received confirmation that the data was loaded into the S2K data base. See Appendix E for information on checking your data in S2K.

SECTION 3 APPENDIX (OUTPUTS):

- 3.1 APPENDIX-A, FLIGHT SHEET
Sample form FS-6500-122
- 3.2 APPENDIX-B, STANDARD CODES
Valid Aircraft models, Supplying Unit codes, and User Unit codes.
- 3.3 APPENDIX-C, EDIT CRITERIA
The edit criteria used to edit the items found on the FS-6500-122 is enclosed to show the types of checks performed on the data items before the file is transmitted to FCCC. These same checks are performed again by the ACUSE Edit Program before the data is loaded into the S2K data base.
- 3.4 APPENDIX-D, FCCC RUNSTREAMS
 - D-1 Worksheets, Demand Mode
 - D-2 Worksheets, Batch Runstreams
 - D-3 Contract Summary
 - D-4 Detailed Flight Use Reports
 - D-5 Print Out FS-6500-122 Format
- 3.5 APPENDIX-E, S2K DATA BASE QUERIES

ACCOUNTING SUMMARY						
	LINE NO.	NFC FUND CODE	UNIT	MANAGEMENT CODE	FY	BUDGET OBJECT
36. TOTAL CHARGES						
37. OVERNIGHT CHARGES LOCATION: CHR						
NO. OF CREW MEMBERS: 3 RATE						
38. SERVICE TRUCK CHARGES						
MILES: 495 RATE						
39. OTHER CHARGES OR CREDITS Landing Fee						
40. TOTAL OF ALL CHARGES						

41. REMARKS	Line 8 - Chip light - clean plug	42. TRANS TYPE	<input type="checkbox"/> C	<input type="checkbox"/> D	43. I CERTIFY THAT SERVICES LISTED ABOVE HAVE BEEN RECEIVED. SIGNATURE AND TITLE OF FOREST SERVICE OFFICER
					44. I CERTIFY THAT SERVICES LISTED ABOVE HAVE BEEN PROVIDED. SIGNATURE AND TITLE OF VENDOR OR AGENT
Sequence No.	056518				

INSTRUCTIONS

1. Date of Flight: Self explanatory.
2. Contract or Rental Agreement No: Enter the Contract Number or Rental Agreement Number as appropriate.
3. Supplying Unit Code: Enter the four character Supplying Unit Code (See Coding Instructions).
4. Supplying Unit Name: Enter the name of the supplying or contracting unit, i.e. Tonto National Forest.
5. This block is reserved for Region or Forest use.
6. Vendor: Enter the name and address of the vendor, i.e. Aero Company, Inc., USDA Forest Service, US Army, etc.
7. Pilot's Name: Enter the last name, first name, and middle initial of the pilot-in-command on line A. If there is a change of pilots for some portion of the flight, enter the name of the next pilot-in-command on line B. If third pilot, start new form.
8. Aircraft Make: Enter the make of the aircraft, i.e. Cessna, Bell, Fairchild, etc.
9. Aircraft Model: Enter the aircraft model (See the Coding Instructions for examples of the format to be used for this block. These examples are not an all inclusive list of aircraft models).
10. FS Aircraft Type: Enter the Forest Service aircraft type in this block. If Helicopter, enter H. If Airlifter, enter T, for all other fixed wing aircraft, enter F.
11. Single or Multi Engine: If single engine aircraft, enter S. If multi engine, enter M.
12. FAA Number: Enter all numbers and/or letters following "N" of FAA Registration Number.
13. Fire Order No./Flight No.: Enter as appropriate.
14. Line No. Self explanatory.
15. User Unit: Enter the four character User Unit (See Coding Instructions).
16. User Code: Enter the User Code that identifies the primary user for this trip (See Coding Instructions).
17. Fire Name or Project Number: Enter the name of the fire or the project number.
18. Flight Origin and Destination: Enter the origin and destination for each leg or portion of the flight. (For flights after the first flight, the previous destination is assumed to be the origin).
19. Usage Code: Enter the two digit code which most nearly describes the use of the aircraft (See Coding Instructions).
20. Training: If the purpose of the flight was also for training, enter an "X" in this block.
21. Pilot: Enter an "A" or "B" to indicate the appropriate pilot in-command (from Block 7) for each flight.
22. Number of Crew Members: Enter the number of flight crew members (pilot, co pilot, flight attendant).
23. Number of Passengers: Enter the number of passengers (exclusive of flight crew members). Include as passengers: smokejumper aboard for jumping and/or those being retrieved, spotters, observers, etc.
24. Number of Jumpers Dropped: Enter only the number of smokejumpers dropped.
25. Cargo Type: If paracargo enter P. If sling load of cargo enter S. Otherwise enter C.
26. Cargo: Enter the number of pounds of cargo, paracargo or sling load delivered.
27. Retardant: Enter the one appropriate letter indicating the type of retardant used. If water, enter W. If liquid base retardant enter L. If solid base retardant enter S.
28. Retardant Gallons: Enter the number of gallons of retardant delivered by airlifter or helicopter.
29. Clock Time: Enter the start and stop times of the flight.
30. Flight Hour Meter: Enter the start and stop flight hour meter readings for the flight.
31. Elapsed Time: Enter elapsed time in hours and tenths, or in hours and minutes, according to the pay terms of the contract.
32. Rate: Enter the rate as appropriate.
33. Fuel Cost Per Gallon: Enter fuel cost per gallon only if needed to establish the flight rate, (Block 32) for airtankers.
34. Charges: Enter charges (elapsed time X rate). If Usage Code (Block 19) was for non availability, leave Block 34 blank.
35. Accounting Summary: Refer to FSH 6509 11e.
36. Total Charges: Add entries in Block 34 for each line and enter total in Block 36.
37. Overnight Charges: Enter location of overnight stay, number of crewmembers, rate, and amount charged.
38. Service Truck Charges: Enter number of miles driven, and the rate per mile, compute the total (miles X rate) and enter in this column.
39. Other Charges or Credits: Specify the kind of charge or credit and enter the total amount in this column. Use a minus (-) if the amount is to be subtracted.
40. Total of All Charges: Total all amounts from columns 34 and 36. 39 and enter in this column.
41. Remarks: Self explanatory.
42. Transaction Type: If changing or deleting previously recorded information, check appropriate box.
43. Certification Block: For services received.
44. Certification Block: For services provided.

A (continued)

A (continued)

CODING INSTRUCTIONS

BLOCK 3 SUPPLYING UNIT CODE
If Forest Service, enter standard organization code (FSM 1344.73a, Levels 1 through 3) for Region and Unit.

If other Federal Agency use letters:
BIA ARMY
BLM NAVY
OAS AIRF
NPS ANG

If State enter standard two letter abbreviation.

If other agency, enter OTHR.

BLOCK 9 AIRCRAFT MODEL FOR HELICOPTERS ENTER ONE OF THE FOLLOWING:

AS-350B 206B-II S-55T
AS-350D 206B-III S-58T
SA-315B 206L-I UH-1B
SA-316B 212 UH-1C
SA-318C 214B-1 UH-1E
SA-319B UH-12E UH-1F
47G-3B UH-12J3 UH-1H
47G-3B-1 FH-1100 UH-1M
47G-3B-2 H-500C OH-58A
47G-T H-500D OH-58C
204B BO-106C OTHER
206A-1

FOR AIRTANKERS ENTER ONE OF THE FOLLOWING:

B-17 DC-4 PB4Y2
B-26 DC-8 PV-2
C-119 DC-7 P2V
C-130 G-52 OTHER

FOR FIXED WING ENTER THE MODEL AS SHOWN IN THE FORMAT BELOW:
(This is not an all inclusive list):

Aerocommndr: 500B DeHavilland: DHC-2
680F DHC-6
Aerostar: 601 Douglas: DC-3
601-P
Beech: BE-58P Lockheed: L-188
BE-90
Cessna: C-337 Mitsubishi: MU-2
C-182
Convair: CV-440 Piper: PA-18
CV-580 PA-31
Merlin: M-3

BLOCK 15 USER UNIT
If Forest Service, enter standard organization code (FSM 1344.73a, Levels 1 through 3) for Region and Unit.

If other Federal Agency use letters:

BIA ARMY
BLM NAVY
OAS AIRF
NPS ANG

If State enter standard two letter abbreviation.

If other agency, enter OTHR.

BLOCK 16 USER CODE

01. Aviation and Fire Management
02. Administrative Management
03. Administrative Services
04. Civil Rights
05. Computer Services
06. Engineering
07. Experiment Stations
08. Fiscal and Accounting Management
09. Forest Pest Management
10. Human Resource Programs
11. Lands
12. Land Management Planning
13. Law Enforcement
14. Minerals and Geology
15. Office of General Council
16. Office of Information
17. Personnel Management
18. Program Planning and Budget
19. Range Management
20. Recreation Management
21. Regional Forester/Forest Supervisor
22. State and Private Forestry (other than 09 above)
23. Timber Management
24. Watershed and Air Management
25. Wildlife Management
26. Other Agencies and Cooperators
27. Other

BLOCK 19 USAGE CODE

AVIATION MANAGEMENT ACTIVITIES

01. Aircraft, Pilot, Unit Inspections
02. Pilot Training and Proficiency
03. Aircraft Maintenance - test flight
04. Other

FIRE SUPPRESSION ACTIVITIES

05. Personnel Transport
06. Reconnaissance
07. Detection
08. Air Attack
09. Leadplane
10. Retardant/Water Delivery
11. Smokejumper Transport
12. Helitack transport helicopter crews to fire)
13. Rappeller Transport
14. Equipment/Supply Transport
15. Infrared Photography
16. Aerial Ignition
17. Other

OTHER ACTIVITIES

18. Personnel Transport
19. Survey/Observation
20. Ferry
21. Animal/Wildlife Count
22. Search and Rescue
23. Law Enforcement/Investigations
24. Research
25. Air Quality Monitoring
26. Fire Prevention
27. Prescribed Burning
28. Cargo Transport Hazardous Materials
29. Cargo Transport
30. Aerial Photography
31. Infrared Photography
32. Aerial Ignition
33. Accident Investigations
34. Other

NON-FLIGHT

35. Standby
36. Extended Standby
37. Availability
38. Non-availability
39. Other

BLOCK 31	ELAPSED TIME
Conversion	Table if needed
MINUTES	TENTHS
0 2	0
3 8	1
9 14	2
15 20	3
21 26	4
27 32	5
33 38	6
39 44	7
45 50	8
51 56	9
57 60	10

APPENDIX-B, STANDARD CODES

APPENDIX B-1, Valid aircraft models and supplying unit codes and user unit codes

VALID ENTRIES

HELICOPTER MODELS -----	AIRTANKER MODEL -----	SUPPLYING/USER UNIT CODE -----
AS-350-B	B-17	FS ORGANIZATION CODES (See Appendix B2)
AS-350-D	B-26	BIA
SA-315B	C-119	BLM
SA-316B	C-130	NPS
SA-318C	DC-4	ARMY
SA-319B	DC-6	NAVY
47G-3B	DC-7	ANG
47G-3B-1	G-S2	AIRF
47G-3B-2	PB4Y2	OAS
47G-T	PV-2	OTHR
204B	P2V	AL
205A-1	OTHER	AK
206B-II		AZ NB
206B-III		AR NV
206L-I		CA NH
206L-III		CO NJ
212		CT NM
214B-1		DE NY
UH-12E		FL NC
UH-12J3		GA ND
FH-1100		HI OH
H-500C		ID OK
H-500D		IL OR
BO-105C		IN PA
S-55T		IA RI
S-58T		KS SC
UH-1B		KY SD
UH-1C		LA TN
UH-1E		ME TX
UH-1F		MD UT
UH-1H		MA VT
UH-1M		MI VA
OH-58A		MN WA
OH-58C		MS WV
OTHER		MO WI
		MT WY

APPENDIX B-1

FOREST SERVICE ORGANIZATION CODES

REGION 1

01	02	BEAVERHEAD
01	03	BITTERROOT
01	04	IDAHO PANHANDLE
01	05	CLEARWATER
01	08	CUSTER
01	09	DEERLODGE
01	10	FLATHEAD
01	11	GALLATIN
01	12	HELENA
01	14	KOOTENAI
01	15	LEWIS AND CLARK
01	16	LOLO
01	17	NEZPERCE
01	51	ENGINEERING - RO
01	52	AVIATION & FIRE MGMT
01	56	REGIONAL OFFICE

FOREST SERVICE ORGANIZATION CODES

REGION 2

02	02	BIGHORN
02	03	BLACK HILLS
02	04	GRAND MESA-UNC-GUNNISON
02	06	MEDICINE BOW
02	07	NEBRASKA
02	09	RIO GRANDE
02	10	ARAPAHO-ROOSEVELT
02	11	ROUTT
02	12	PIKE-SAN ISABEL
02	13	SAN JUAN
02	14	SHOSHONE
02	15	WHITE RIVER
02	16	ROCKY MOUNTAIN STATION
02	31	REGIONAL OFFICE

FOREST SERVICE ORGANIZATION CODES

REGION 3

03	01	APACHE-SITGREAVES
03	02	CARSON
03	03	CIBOLA
03	04	COCONINO
03	05	CORONADO
03	06	GILA
03	07	KAIBAB
03	08	LINCOLN
03	09	PRESCOTT
03	10	SANTA FE
03	12	TONTO
03	16	REGIONAL OFFICE

FOREST SERVICE ORGANIZATION CODES

REGION 4

04	01	ASHLEY NF
04	02	BOISE NF
04	03	BRIDGER-TETON NF
04	05	CARIBOU NF
04	06	CHALLIS NF
04	07	DIXIE NF
04	08	FISHLAKE NF
04	09	HUMBOLDT NF
04	10	MANTI-LASAL NF
04	12	PAYETTE NF
04	13	SALMON NF
04	14	SAWTOOTH NF
04	15	TARGHEE NF
04	17	TOIYABLE NF
04	18	UINTA NF
04	19	WASATCH NF
04	60	REGIONAL OFFICE
04	62	GEOMETRONICS

APPENDIX B2

FOREST SERVICE ORGANIZATION CODES

REGION 5

05	01	ANGELES
05	02	CLEVELAND
05	03	ELDORADO
05	04	INYO
05	05	KLAMATH
05	06	LASSEN
05	07	LOS PADRES
05	08	MENDOCINO
05	09	MODOC
05	10	SIX RIVERS
05	11	PLUMAS
05	12	SAN BERNARDINO
05	13	SEQUOIA
05	14	SHASTA TRINITY
05	15	SIERRA
05	16	STANISLAUS
05	17	TAHOE
05	19	LAKE TAHOE BASIN MGMT UNIT
05	20	R.O.
05	21	P.S.W.F.&P.E.S.

FOREST SERVICE ORGANIZATION CODES

REGION 6

06	01	DESCHUTES
06	02	FREMONT
06	03	GIFFORD PINCHOT
06	04	MALHEUR
06	05	MT BAKER-SNOQUALMIE
06	06	MT HOOD
06	07	OCHOCO
06	08	OKANOGAN
06	09	OLYMPIC
06	10	ROGUE RIVER
06	11	SISKIYOU
06	12	SIUSLAW
06	14	UMATILLA
06	15	UMPQUA
06	16	WALLOWA WHITMAN
06	17	WENATCHEE
06	18	WILLAMETTE
06	19	PNW EXP. STA.
06	20	WINEMA
06	21	COLVILLE
06	27	REGIONAL OFFICE

APPENDIX B2

FOREST SERVICE ORGANIZATION CODES

REGION 8

08	01	NAT FOR IN ALABAMA
08	02	DANIEL BOONE NAT FOR
08	03	CHATTAHOOCHEE OCONEE NAT FOR
08	04	CHEROKEE NAT FOR
08	05	NAT FOR IN FLORIDA
08	06	KISATCHIE NAT FOR
08	07	NAT FOR IN MISSISSIPPI
08	08	GEORGE WASHINGTON NAT FOR
08	09	OUACHITA NAT FOR
08	10	OZARK ST FRANCIS NAT FOR
08	11	NAT FOR IN NORTH CAROLINA
08	12	FRANCIS MARION & SUMTER NFS
08	13	NAT FOR IN TEXAS
08	14	JEFFERSON NAT FOR
08	16	CARIBBEAN NAT FOR
08	17	RO CONTINGENT
08	18	SOUTHEASTERN FOREST EXP STA
08	19	SOUTHERN FOREST EXP STA
08	31	RO-ATLANTA

FOREST SERVICE ORGANIZATION CODES

REGION 9

09	01	REGIONAL OFFICE
09	02	CHEQUAMEGON NF
09	03	CHIPPEWA NF
09	04	HURON MANISTEE NF
09	05	MARK TWAIN NF
09	06	NICOLET NF
09	07	OTTAWA NF
09	08	SHAWNEE NF
09	09	SUPERIOR NF
09	10	HIAWATHA NF
09	11	WAYNE HOOSTER NF
09	13	NORTH CENTRAL
09	19	ALLEGHENY NF
09	20	GREEN MOUNTAIN
09	21	MONONGAHELA NF
09	22	WHITE MOUNTAIN NF
09	23	N.E. STATION
09	42	N.E. AREA S: PF
09	98	R.O. BUDGET

B-2 (continued)

APPENDIX B2

FOREST SERVICE ORGANIZATION CODES

REGION 10

10	01	REGIONAL OFFICE
10	02	STIKINE AREA
10	03	CHATHAM AREA
10	04	CHUGACH NF
10	05	KETCHIKAN AREA

WASHINGTON OFFICE

13	01	WASHINGTON OFFICE
13	02	BOISE INTERAGENCY FIRE CENTER
13	04	GEOMETRONICS
13	06	NATL ADVANCE RESOURCE TECHNOLOGY CENTER (MARANA)
13	81	SAN DIMAS EDC
13	82	MISSOULA EQUIPMENT DEVELOPMENT CENTER
13	83	ALL SERVICES
13	97	WCF
13	98	W.O. BUDGET

STATIONS

22	20	INT STATION (NFFL IN MISSOULA)
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STATIONS

23	13	NORTH CENTRAL
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B-2 (continued)

APPENDIX B2

FOREST SERVICE ORGANIZATION CODES

24	23	NORTHEASTERN FOREST EXPERIMENT STATION
24	42	NORTHEASTERN AREA S&PF
24	43	NA S&PF - STATE PAYMENTS
<hr/>		
26	19	PNW EXP STATION
<hr/>		
27	21	PSWF & RES
<hr/>		
28	16	ROCKY MOUNTAIN STATION
<hr/>		
29	18	SOUTHEASTERN FOREST EXP STATION
<hr/>		
30	19	SOUTHERN FOREST EXP STATION

B-2 (continued)

APPENDIX-C, EDIT CRITERIA

FLIGHT USE REPORT EDIT CRITERIA
REQUIRED/

BLOCK	FIELD NAME	LENGTH	OPTIONAL	EDIT CRITERIA
1.	Date of Flight	6 N	R	<u>FATAL ERROR</u> DAY = 01-31 if Month = 01, 03, 05, 07, 08, 10, 12. Day = 01-30 if Month = 04, 06, 09, or 11. Day = 01-28 if Month = 02 and Year not equal to 80, 84, 88, 92, 96. Day = 01-29 if Month = 02 and Year = 80, 84, 88, 92, or 96. Month = 01 - 12. Year = to or less than current year.
2.	Contract or Rental Agreement No.	20 A/N	0	Do not edit.
3.	Supplying Unit Code	4 A/N	R	<u>FATAL ERROR</u> Valid entries are BIA, BLM, OAS, NPS, ARMY, NAVY, AIRF, ANG, OTHER, or any 2-letter standard state, or a 4-digit Forest Service Code abbreviation. If one of the above valid entries has not been encountered, perform the following edit: (1) The first 2 positions can never be blank and can be 01 thru 56. (2) The last 2 positions can be 01 thru 99 or blank. Do not edit.
4.	Supplying Unit Name	25 A/N	0	Do not edit.
5.	Region/Forest Use	15 A/N	0	Do not edit.
6.	Vendor			
	a. Vendor name, Abbr	54 A/N	0	Do not edit.
	b. Vendor-FS Code	1 N	R	Must be a 1 or 2. (1 = USFS and 2 = Other Vendor.) Do not edit.

APPENDIX C

APPENDIX-C

7.	Pilots name		O/R	Pilot A must not be blank if any blocks 19 = 01 thru 34.
	Last	20 A/N		
	First	15 A/N		
	MI	1 A		
8.	Aircraft Make	15 A/N	0	Do not edit.
9.	Aircraft model	8 A/N	R	<u>FATAL ERROR</u> If FS A/C Type (#10) is H, must match table. If FS A/C Type is T, must match table.
10.	FS A/C Type	1 A	R	<u>FATAL ERROR</u> Must be H, T, or F.
11.	Single or Multi-Engine	1 A	R	<u>FATAL ERROR</u> S or M only.
12.	FAA Number	6 A/N	R	<u>FATAL ERROR</u> If Block 3 Supplying Unit Code = ARMY, NAVY, AIRF, ANG, this block is optional (do not edit). Otherwise, the first position must be "N", position 2 must not be blank and position 3 must not be blank.
13.	Fire Order No. Flight Number	15 A/N	0	
14.	Line No.	2 N	R	Must be 01-10 only. Do not edit.
15.	User Unit	4 A/N	R	<u>FATAL ERROR</u> Same edit as Supplying Unit Code, Block 3.
16.	User Code	2 N	R	<u>FATAL ERROR</u> Must be 01-27.
17.	Fire Name or Project Number	20 A/N	0	

C (continued)

APPENDIX-C

18.	Flight Origin/ Destination	15 A/N	R	<u>FATAL ERROR</u> If Block 19 Usage Code - 01 thru 34, this field must not be blank. If Block 19 Usage Code = 35 thru 39, then this block can be blank.
19.	Usage Code	2 N	R	<u>FATAL ERROR</u> **EDIT THIS BLOCK BEFORE EDITING FLIGHT ORIGIN IN BLOCK 18** Must be 01 thru 39. If Usage Code = 01 thru 34 Blocks 21, 22, 31, 32 & 34 must not be blank. --Usage Codes 01, 02, 03 & 04 require no edit. --05 Block 10 must be an H or F and blocks 24, 27 & 28 must be blank. --Usage Code 06, 07 & 08 require no edit. --09 Block 10 must be H or T, Blocks 24, 27 & 28 must be blank. --10 Block 10 must be H or T, Blocks 23 & 24 must be blank. --11 Block 23 must not be blank, Block 10 must be F. --12 Block 10 must be H, Block 23 must not be blank, Blocks 24, 27 & 28 must be blank. --13 Block 10 must be H, Block 23 must not be blank, Blocks 24, 27 & 28 must be blank. --14 Blocks 25 & 26 must not be blank. --15 Block 10 must be H or F, Blocks 24, 25, 27 & 28 must be blank. --16 Block 10 must be H or F. --17 requires no edit.

C (continued)

- 18 Block 10 must be H or F and blocks 24, 27 & 28 must be blank.
- 19 requires no edit.
- 20 Block 24, 27 & 28 must be blank.
- 21 Blocks 24, 27 & 28 must be blank.
- 22 Blocks 27 & 28 must be blank.
- Usage Codes 23, 24, 25, 26 & 27 require no edit.
- 28 Blocks 25 & 26 must not be blank.
- 29 Blocks 25 & 26 must not be blank.
- 30 Blocks 24, 27 & 28 must be blank.
- 31 Blocks 24, 27 & 28 must be blank.
- 32 Block 10 must be H or F, Blocks 24, 27 & 28 must be blank.
- Usage Codes 33 & 34 require no edit.
- 35 Blocks 20, 21, 22, 23, 24, 25, 26, 27 & 28 must be blank.
- 36 same as usage Code 35.
- 37 Same as Usage Code 35.
- 38 Blocks 20, 21, 22, 23, 24, 25, 26, 27, 28 32, 33 & 34 must be blank.
- 39 requires no edit.

20. Training

1 A

0

Blank or X only.

21. Pilot

1 A

R

FATAL ERROR

Must be A, B, or blank. If blank, Usage Code must be 35-39.

C (continued)

APPENDIX-C

22.	Number of Crew	1 N	R	If Usage Code is 36, this field must not be blank. If number of Crew Members is 4 or 5, accept but print warning message #1. If Number of Crew members is 6 or greater, reject and print reject message #2. (Normally a crew consists of 1-3 members.)
23.	Number of Passengers	2 N	R	Must be 00-99 or blank.
24.	Number of Jumpers Dropped	2 N	R	If Usage Code = 11, this field must be 00-12 only. Otherwise, can be blank.
25.	Cargo Type	1 A	R	<u>FATAL ERROR</u> This field can be blank, P, C, or S only. If this field contains a L, change it to C. Must not be blank if entry is block 25. If = S, block 10 = H.
26.	Cargo Pounds	5 A	R	If data is 10,001-50,000, accept but print warning message #3. Must not be blank if entry in block 25.
27.	Retardant	1 A	R	<u>FATAL ERROR</u> If Usage Code Block 19 = 10, this block must contain a W, L, or S. If Usage Code does not equal 10, this block must be blank. Must not be blank if entry in block 28.
28.	Retardant Gallons	4 N	R	Edit if Usage Code (#19) = 10. If data is 0000-3000 accept. If data is 3001-5000 accept but print warning message. If data is greater than 5000 reject. Must not be blank if entry in block 27; however, a zero may be entered. If block 10 = F, must be blank.

C (continued)

**** FIELDS 29, 30, AND 31 MUST BE EDITED TOGETHER ****

29.	Clock Time Start	4 N	R	Clock Time (#29) and Flight Hour Meter (#20) cannot both be blank for usage codes 01 thru 34 and 36. For usage codes 36 thru 38 this field is required. This field must be numeric. If Flight Hour Meter field is blank, this field is required. It must be numeric.
	Stop	4 N	R	If Clock Start time is entered, this field is required. It must be numeric.
30.	Flight Hour Meter Start	6 N	0	This field is required for flights paid in Flight Hour Meter.
	Stop	6 N	0	If Flight is paid in Flight Hour Meter, this field is required. Must be greater than Start.
31.	Elapsed Time	5 N	R	If Clock Time is blank, must equal difference between Flight Hour Meter Start and Stop times. If Flight Hour Meter is blank, must equal difference between Clock Time Start and Stop times. If usage code is greater than 34 Elapsed Time must be Clock Time in hours and tenths. If usage code is 37 or 38 for Airtankers, Elapsed time must be whole hours. Must be rounded to the next whole hour if usage code is 36 (extended standby).

C (continued)

APPENDIX C

32.	Rate	7 N	R	<u>FATAL ERROR</u> If Usage Code = 38, this field must be replaced with zeros. Otherwise, this field must be greater than zero.
33.	Fuel Cost Per Gallons	4 N	0	If data is greater than zero, FS A/C Type must equal T. If data is greater than 5.00 will not accept, and prints a error message.
34.	Charges	8 N	R	If Usage Code = 38, this block must be zero. If this field = zero, the Rate field must be zero and Usage Code must equal 38. Validate charges by multiplying Rate by Elapsed Time. If this field does not equal the product of Rate and Elapsed Time, print a warning message.
35.	Accounting Summary			Do not edit.
36.	Total Charges	9 N	R	Validate by adding all entries. Print warning message if errors detected.
37.	Overnight Charges			
	Overnight Charges	9 N	0	
	Location	9 A/N	0	
	Rate	5 N	0	
	No. of Crew Members	2 N	0	
38.	Service Truck Charges			
	Charges	9 N	0	
	Miles	4 N	0	
	Rate	4 N	0	
39.	Other Charges or Credits	9 N	0	

C (continued)

APPENDIX-C

40.	Total of All Charges	10 N	R	Validate by adding all entries. Print warning message if error detected. Do not edit.
41.	Remarks	26 A/N	O	
42.	Trans Type	1 A	R	Do not edit.
43.	Sequence Number	7 N	R	<u>FATAL ERROR</u> This field is in the lower left-hand corner and must be entered as digits only.

C (continued)

APPENDIX D FCCC RUNSTREAMS

The following runstreams have been created at the Ft. Collins Computer Center (FCCC) to make it easier to run reports against the ACUSE data base.

APPENDIX D

D-1 WORKSHEETS, DEMAND MODE

To run the runstreams, access FCCC using TC from your DG terminal. After entering your ID and password type:

>@RUN RUN-ID,ACCT-NBR,ACUSE

then:

>@XQT ACUSE-NAT*PROGS.WRKSHEETS

To run demand reports enter a "1" when the following menu appears.

ENTER 1 TO RUN PROGRAMS IN DEMAND

ENTER 2 TO CREATE BATCH RUNSTREAMS

>1 (When selecting DEMAND log the reports in TC.)

ENTER 1 TO RUN WORKSHEET A

ENTER 2 TO RUN WORKSHEET B

ENTER 3 TO RUN WORKSHEET C

ENTER 4 TO RUN WORKSHEETS A AND B

ENTER 5 TO RUN WORKSHEETS A AND C

ENTER 6 TO RUN WORKSHEETS B AND C

ENTER 7 TO RUN WORKSHEETS A, B, AND C

>1

ENTER DATA BASE PASSWORD

>PSSWRD (Enter your password.)

ENTER DATA BASE NAME

>FLIGHTXX (Enter your data base name.)

ENTER SUPPLYING UNIT CODE

>0152 (Enter the supplying unit for which you wish to extract the report. A newline will give the report for all the supplying units in the data base combined.)

ENTER USER UNIT

> (Enter the user unit. A newline will report all user units.)

ENTER BEGINNING DATE

>010185 (Enter the date in this format MMDDYY. Dates must have leading zeros.)

ENTER ENDING DATE

>013085

READY

The reports figures D-1-a, D-1-b, and D-1-c will be formatted. Users in demand should log the reports in TC so they can be reviewed and printed.

WORKSHEET A

DATE OF RUN:061785

AIRCRAFT USE REPORT

INCLUSIVE DATES:100183/ 93084 SUPPLYING UNIT:R-01 USER UNIT:ALL

TYPE OF USE	HOURS FLOWN		TOTAL	H ⁺ COPTER
	FS-OWNED	CONTRACT		
AVIATION MANAGEMENT ACTIVITIES				
1. AIRCRAFT, PILOT, UNIT INSPECTIONS	144.40	8.38	152.78	19.80
2. PILOT TRAINING AND PROFICIENCY	91.10	2.42	93.52	3.60
3. AIRCRAFT MAINTENANCE-TEST FLIGHT	25.10	.00	25.10	1.00
4. OTHER	5.80	5.85	11.65	49.70
TOTAL	266.40	16.65	283.05	74.10
TOTAL HOURS	357.15			
FIRE SUPPRESSION ACTIVITIES				
5. PERSONNEL TRANSPORT	61.90	978.72	1040.62	396.80
6. RECONNAISSANCE	2.80	397.63	400.43	156.10
7. DETECTION	2.80	1371.60	1374.40	5.50
8. AIR ATTACK	6.20	64.47	70.67	3.00
9. LEAD PLANE	289.70	.15	289.85	2.40
10. RETARDANT/WATER DELIVERY	.00	271.96	271.96	118.70
11. SMOKEJUMPER TRANSPORT	3.00	410.70	413.70	.00
12. HELITACK	.00	.00	.00	177.70
13. RAPPELLER TRANSPORT	.00	.00	.00	.00
14. EQUIPMENT/SUPPLY TRANSPORT	37.00	280.00	317.00	87.80
15. INFRARED PHOTOGRAPHY	.00	.00	.00	18.60
16. AERIAL IGNITION	.00	11.00	11.00	13.40
17. OTHER	1.70	6.57	8.27	6.00
TOTAL	405.10	3792.80	4197.90	986.00
TOTAL HOURS	5183.90			
OTHER ACTIVITIES				
18. PERSONNEL TRANSPORT	223.30	1125.24	1348.54	348.40
19. SURVEY/OBSERVATION	8.20	671.98	680.18	144.30
20. FERRY	9.40	195.57	204.97	37.30
21. ANIMAL/WILDLIFE COUNT	.00	14.26	14.26	18.10
22. SEARCH AND RESCUE	.00	3.30	3.30	8.20
23. LAW ENFORCEMENT/INVESTIGATIONS	.00	5.60	5.60	12.10
24. RESEARCH	.90	.00	.90	8.40
25. AIR QUALITY MONITORING	.00	.00	.00	.00
26. FIRE PREVENTION	.00	1.10	1.10	.00
27. PRESCRIBED BURNING	.00	.00	.00	27.50
28. CARGO TRANSPORT HAZARDOUS MATERIALS	.00	8.09	8.09	.30
29. CARGO TRANSPORT	2.90	40.39	43.29	71.00
30. AERIAL PHOTOGRAPHY	1.40	133.37	134.77	18.30
31. INFRARED PHOTOGRAPHY	.00	.00	.00	12.10
32. AERIAL IGNITION	.00	.00	.00	82.60
33. ACCIDENT INVESTIGATIONS	.80	1.89	2.69	.00
34. OTHER	.30	9.70	10.00	61.70
TOTAL	247.20	2210.49	2457.69	850.30
TOTAL HOURS	3307.99			
COLUMN TOTAL	918.70	6019.94	6938.64	1910.40
GRAND TOTAL HOURS	8849.04			

CARGO AND MATERIAL DROPPED

1. PARACARGO	88406
2. AIR FREIGHT	658841
3. SLING	159947
4. HELITORCH	82800
5. RETARDANT	596650
6. WATER	80930

NUMBER OF PASSENGERS TRANSPORTED

	FIXED-WING	HELICOPTER
FIRE	6476	3988
OTHER	3577	2233

D-1-a (continued)

WORKSHEET B

DATE OF RUN:061785

AIRCRAFT USE REPORT

INCLUSIVE DATES:100183/ 93084 SUPPLYING UNIT:R-01 USER UNIT:ALL

TYPE OF USE	HOURS FLOWN		TOTAL	H ⁰ COPTER
	FS-OWNED	CONTRACT		
OTHER ACTIVITIES				
1. AVIATION AND FIRE MANAGEMENT	91.60	503.67	595.27	247.20
2. ADMINISTRATIVE MANAGEMENT	.00	180.66	180.66	61.30
3. ADMINISTRATIVE SERVICES	1.40	48.42	49.82	46.10
4. CIVIL RIGHTS	.00	.00	.00	.00
5. COMPUTER SERVICES	1.70	30.60	32.30	4.90
6. ENGINEERING	3.50	239.10	242.60	116.50
7. EXPERIMENT STATIONS	9.50	6.00	15.50	.00
8. FISCAL AND ACCOUNTING MANAGEMENT	.00	8.85	8.85	.00
9. FOREST PEST MANAGEMENT	.00	440.85	440.85	26.40
10. HUMAN RESOURCE PROGRAMS	.00	6.68	6.68	.00
11. LANDS	.00	25.99	25.99	5.70
12. LAND MANAGEMENT PLANNING	.00	54.85	54.85	3.70
13. LAW ENFORCEMENT	.00	13.90	13.90	14.80
14. MINERALS AND GEOLOGY	10.90	33.03	43.93	15.00
15. OFFICE OF GENERAL COUNCIL	.00	.00	.00	.00
16. OFFICE OF INFORMATION	2.30	36.28	38.58	.00
17. PERSONNEL MANAGEMENT	3.50	21.35	24.85	.00
18. PROGRAM PLANNING AND BUDGET	11.10	19.32	30.42	2.70
19. RANGE MANAGEMENT	7.30	37.71	45.01	11.60
20. RECREATION MANAGEMENT	2.70	65.98	68.68	19.10
21. REGIONAL FORESTER/FORREST SUPERVISOR	86.40	245.39	331.79	7.90
22. STATE AND PRIVATE FORESTRY	.00	4.80	4.80	1.10
23. TIMBER MANAGEMENT	10.20	55.10	65.30	105.80
24. WATERSHED AND AIR MANAGEMENT	2.90	10.48	13.38	24.40
25. WILDLIFE MANAGEMENT	1.40	56.69	58.09	41.70
26. OTHER AGENCIES AND COOPERATORS	.00	60.90	60.90	83.70
27. OTHER	.80	3.89	4.69	10.70
TOTAL	247.20	2210.49	2457.69	850.30
TOTAL HOURS	3307.99			

NUMBER OF PASSENGERS TRANSPORTED

FIXED-WING	HELICOPTER
3281	2196

AIRCRAFT USE REPORT

INCLUSI O DATES:100183/ 93084

SUPPLYING UNIT:R-01

USER UNIT	AVIATION ACTIVITIES	FIXED WING FIRE ACTIVITIES	OTHER ACTIVITIES	AVIATION ACTIVITIES	HELICOPTER FIRE ACTIVITIES	OTHER ACTIVITIES
ARMY	4.70	.00	.00	.00	.00	.00
BIA	.00	479.77	15.79	.00	46.40	1.00
BLM	.00	323.33	42.71	.00	13.10	30.10
ID	.00	11.28	58.20	.00	21.80	5.30
MT	.00	277.96	17.98	.00	78.50	8.80
NPS	.00	20.10	1.00	.00	.00	5.20
OTHR	.00	.00	2.30	.00	.00	49.10
0102	.00	34.40	93.20	.00	.40	19.80
0103	.00	152.43	16.74	.00	56.70	21.00
0104	1.50	765.45	142.84	.00	80.30	106.70
0105	1.70	236.47	96.85	.40	90.50	147.20
0108	1.66	186.81	392.78	52.60	105.10	5.80
0109	.00	.00	.00	.00	.00	6.40
0110	1.55	556.39	146.74	.30	160.30	109.40
0111	.70	47.43	64.93	.30	.00	31.10
0112	.00	40.39	.00	.00	37.20	4.10
0114	.00	18.75	22.48	.00	56.30	102.90
0115	2.50	239.75	20.20	.00	111.30	4.90
0116	.00	231.57	30.43	.00	43.40	92.40
0117	7.62	318.86	223.53	1.10	68.60	70.10
0140	.00	1.10	1.00	.00	.00	.00
0151	.00	.00	148.50	.00	.00	.00
0152	208.70	126.33	148.58	19.40	.20	4.70
0156	.00	8.46	719.19	.00	.00	3.40
0301	.00	1.10	.00	.00	.00	.00
0306	.00	26.70	.00	.00	.00	.00
0307	.00	5.70	.00	.00	.00	.00
0316	.00	1.10	.00	.00	.00	.00
0403	.00	4.80	.00	.00	.00	.00
0409	.00	8.25	.00	.00	.00	.00
0412	.00	8.30	.00	.00	.00	.00
0417	.00	14.90	1.70	.00	.00	.00
0460	11.80	.00	1.30	.00	.00	.00
0501	.00	.00	4.22	.00	.00	.00
0507	.00	.70	.00	.00	.00	.00
0512	.00	2.80	.00	.00	.00	.00
0513	.00	10.90	.00	.00	.00	.00
0517	1.92	2.00	.00	.00	.00	.00
0520	.00	6.50	1.60	.00	.00	.00
0527	.00	7.20	5.00	.00	.00	.00
0607	.00	1.80	.00	.00	.00	.00
0612	.00	.00	.00	.00	.00	2.50

AIRCRAFT USE REPORT

INCLUSIVE DATES:100183/ 93084

SUPPLYING UNIT:R-01

USER UNIT	AVIATION ACTIVITIES	FIXED WING FIRE ACTIVITIES	OTHER ACTIVITIES	AVIATION ACTIVITIES	HELICOPTER FIRE ACTIVITIES	OTHER ACTIVITIES
0616	.00	1.32	1.90	.00	15.90	.30
0621	.00	.00	.00	.00	.00	17.10
0627	.00	2.20	1.60	.00	.00	.00
1301	1.70	14.60	10.20	.00	.00	.00
1302	37.00	.00	7.90	.00	.00	.00
1382	.00	.00	3.40	.00	.00	1.00
TOTAL	283.05	4197.90	2457.69	74.10	986.00	850.30

D-1-c (continued)

D-2 WORKSHEETS, BATCH RUNSTREAMS

To run batch runstreams enter "2" when the menu appears.

ENTER 1 TO RUN PROGRAMS IN DEMAND
ENTER 2 TO CREATE BATCH RUNSTREAMS

>2

ENTER 1 TO RUN WORKSHEET A
ENTER 2 TO RUN WORKSHEET B
ENTER 3 TO RUN WORKSHEET C
ENTER 4 TO RUN WORKSHEETS A AND B
ENTER 5 TO RUN WORKSHEETS A AND C
ENTER 6 TO RUN WORKSHEETS B AND C
ENTER 7 TO RUN WORKSHEETS A, B, AND C

>7

>ENTER DATA BASE PASSWORD
>PASSWRD
>ENTER DATA BASE NAME
>FLIGHTXX
>ENTER SUPPLYING UNIT CODE

>

>ENTER USER UNIT

>

>ENTER BEGINNING DATE

>100183

>ENTER ENDING DATE

>093084

>ENTER RUN-ID

>RUN ID

>ENTER ACCOUNT NUMBER/USER NAME

>ACCNT NBR/USER NAME

>ENTER FCCC PASSWORD

>PASSWRD

>ENTER SITE-ID

>SITE ID

The reports selected will then be printed at the designated ID.

D-3 CONTRACT SUMMARY

To run a contract summary enter the following statement:
>@XQT ACUSE-NAT*PROGS.CNTSUM-STRT

The following questions will be asked:

ENTER DATA BASE PASSWORD

>PASSWRD

>ENTER DATA BASE NAME

>FLIGHTXX

>ENTER CONTRACT NUMBER

53-0343-3-00664

>ENTER THIS PERIOD BEGINNING DATE

010185

>ENTER THIS PERIOD ENDING DATE

013085

>ENTER THE BEGINNING DATE OF THE CONTRACT

100184

>DO YOU WANT A DETAILED REPORT(Y/N)

N (A "Y" will give the front and back of the summary.)

>READY

The summary Figures D-3-a and D-3-b will be formatted.

USDA FOREST SERVICE
CUMULATIVE AIRCRAFT USE / PAYMENT SUMMARY

FOREST/UNIT A&FM	FAA NO. N543N	CONTRACT NUMBER 53-0343-4-00736-1A				
INCLUSIVE DATES THIS PAYMENT PERIOD: 080184 - 081584						
CONTRACTOR: SEAIR, PO BOX 6033,ANCHORAGE AK 9950 2						
A. AVAILABILITY EARNINGS						
15.00 DAYS	AT \$1210.00	TOTAL \$ 18150.00				
EXTENDED STANDEY						
15.00 HOURS	AT \$ 21.00	TOTAL \$ 315.00				
UNAVAILABLE .00 HOURS						
B. FLIGHT HOUR EARNINGS						
45.00 HOURS	AT \$ 409.00	TOTAL \$ 18405.00				
C. OVERNIGHT ALLOWANCES FOR THIS PERIOD						
NO. OF CREW NIGHTS 2	AT \$50.00	TOTAL \$ 100.00				
D. OTHER CONTRACT ALLOWANCES FOR THIS PERIOD						
OTHER CHARGES		TOTAL \$.00				
E. DEDUCTIONS FOR THIS PERIOD						
		TOTAL \$.00				
F. TOTAL PAYMENT THIS INVOICE						
		TOTAL \$ 36970.00				
G. SUMMARY OF ACCUMULATED TOTALS TO DATE	PREVIOUS TOTAL HOURS	PREVIOUS TOTAL DOLLARS	THIS PERIOD HOURS	THIS PERIOD DOLLARS	TOTAL TO DATE HOURS DOLLARS	
AVAILABILITY (A)	31.00	37510.00	15.00	18150.00	3250.00	55660.00
EXTENDED STANDEY (A)	25.00	525.00	15.00	315.00	40.00	840.00
UNAVAILABILITY (A)	.00		.00		.00	
FLIGHT (B)	65.20	26666.80	45.00	18405.00	110.20	45071.80
OVERNIGHT (C)		200.00		100.00		300.00
SERVICE TRUCK (D)		.00		.00		.00
MISC ALLOWANCES (D)		.00		.00		.00
MISC DEDUCTIONS (E)		.00		.00		.00
H. TOTAL PAID TO DATE					\$101871.80	

FLIGHT INVOICE SUMMARY

DATE	AVAIL \$	EXTD STB\$	FLIGHT HOURS	FUEL COST	FLIGHT RATE/HR	FLIGHT \$	O.N. \$	SVC. TR. \$	OTHER \$	TOTAL PAYMENTS
840801	1210.00	0	2.50	.00	409.00	1022.50	0	.00	.00	2232.50
840802	1210.00	0	.00	.00	.00	.00	0	.00	.00	1210.00
840803	1210.00	0	5.00	.00	409.00	2045.00	0	.00	.00	3255.00
840804	1210.00	21	.00	.00	.00	.00	0	.00	.00	1231.00
840805	1210.00	63	3.80	.00	409.00	1554.20	0	.00	.00	2827.20
840806	1210.00	0	.00	.00	.00	.00	0	.00	.00	1210.00
840807	1210.00	0	3.90	.00	409.00	1595.10	0	.00	.00	2805.10
840808	1210.00	0	3.10	.00	409.00	1267.90	0	.00	.00	2477.90
840809	1210.00	0	3.40	.00	409.00	1390.60	0	.00	.00	2600.60
840810	1210.00	21	6.00	.00	409.00	2454.00	0	.00	.00	3685.00
840811	1210.00	0	1.90	.00	409.00	777.10	0	.00	.00	1987.10
840812	1210.00	0	.00	.00	.00	.00	0	.00	.00	1210.00
840813	1210.00	147	6.10	.00	409.00	2494.90	50	.00	.00	3901.90
840814	1210.00	0	1.30	.00	409.00	531.70	0	.00	.00	1741.70
840815	1210.00	63	8.00	.00	409.00	3272.00	50	.00	.00	4595.00
TOTAL	18150.00	315	45.00			18405.00	100	.00	.00	36970.00

D-4 DETAILED FLIGHT USE REPORTS

This runstream produces a detailed Aircraft Flight Usage report using a FORTRAN PLI program to access the S2K data base.

REGIONAL AIRCRAFT USE REPORT:

- ```
@RUN,P RUN-ID,ACCT-NBR,ACUSE,60,1000
1. @ASG,A ACUSE*ACU-PROGRAMS.
2. @ASG,A ACUSE*AVUSAGECDS.
3. @USE 9.,ACUSE*AVUSAGECDS.
4. @XQT ACUSE*ACU-PROGRAMS.ACUREPORT
5. (PASSWORD DATA ENTRY)
6. (INCLUSIVE DATES)
7. @FIN
```

1. Assign the program file.
2. Assign the usage code name table file.
3. Equate logical unit 9 to name table file.
4. Execute report writer program acureport.
5. Enter a 2-character Region code (01, 02, ..., 09, 10) and a valid User Password (1 to 6 characters) for the Region Flight Usage Data Base.

Examples:

01ABLE 06USER10 01R1FLY

6. Enter beginning date and ending date for the report with the format MMDDYYMMDDYY.

Example: 100184033185

This would obtain a report from Oct. 1, 1984 through March 31, 1985.

7. Terminate run.

The report, figure D-4-a, will be formatted.

##### FOREST OR LOCAL UNIT AIRCRAFT USE REPORT:

The following runstream produces the Local Unit Aircraft Usage Summary report. The format is identical to the report produced in 3.1.8.1 for a single unit/forest.

- ```
@RUN,P RUN-ID,ACCOUNT/USER-ID,ACUSE,60,1000
@PASSWD USER-PASS-WORD
1. @ASG,A ACUSE*ACU-PROGRAMS.
2. @ASG,A ACUSE*AVUSAGECDS.
3. @USE 9.,ACUSE*AVUSAGECDS.
4. @XQT ACUSE*ACU-PROGRAMS.ACUUNITRPT
5. (PASSWORD DATA ENTRY)
6. (STARTDATE ENDDATE ENTRY)
7. (REGION UNIT ENTRY)
8. @FIN
```

1. Assign the program file.
2. Assign the usage code name table file.
3. Equate logical unit 9 to name table file.
4. Execute unit report writer program ACUUNITRPT

5. Enter a 2-character Region code (01, 02,...,09,10) and a valid User Password (1-6 characters) for the Region Flight Usage Data Base.
EXAMPLES:
01ABLE 06USER10 13WOAFM
 6. EXAMPLE: (for August 31, 1982 thru September 30, 1982)
083182093082
 7. EXAMPLE: (for Region 06 Forest 02)
0602
 8. Terminate run.
- The report, figure D-4-b, will be formatted.

AVIATION AND FIRE MANAGEMENT
 FLIGHT USE REPORT FOR PERIOD
 030184 -- 073184
 REGION 4

09/25/84

USAGE 25 AIR QUALITY MONITORING

	TYPE	MODEL	FS-HRS	FS - \$	CT-HRS	CT - \$
USER 1	H	206B-III	.00	.00	1.30	487.50
H TOTAL			.00	.00	1.30	487.50
USER TOTAL			.00	.00	1.30	487.50
USAGE TOTAL			.00	.00	1.30	487.50

USAGE 26 FIRE PREVENTION

	TYPE	MODEL	FS-HRS	FS - \$	CT-HRS	CT - \$	N-PASS
USER 1	H	206B-III	.00	.00	1.00	375.00	3
H TOTAL			.00	.00	1.00	375.00	3
USER TOTAL			.00	.00	1.00	375.00	3
USAGE TOTAL			.00	.00	1.00	375.00	3

USAGE 27 PRESCRIBED BURNING

	TYPE	MODEL	FS-HRS	FS - \$	CT-HRS	CT - \$
USER 19	F	182	.00	.00	.50	48.00
F TOTAL			.00	.00	.50	48.00
USER TOTAL			.00	.00	.50	48.00
USAGE TOTAL			.00	.00	.50	48.00

USAGE 28 CARGO TRANSPORT HAZARDOUS MATERIALS

	TYPE	MODEL	FS-HRS	FS - \$	CT-HRS	CT - \$	P LBS	S LBS	C LBS
USER 1	H	SA-315B	.00	.00	.60	533.13	0	300	0
H TOTAL			.00	.00	.60	533.13	0	300	0
USER TOTAL			.00	.00	.60	533.13	0	300	0
USER 20	H	SA-315B	.00	.00	1.10	977.41	0	440	0
USER 20	H	206B-III	.00	.00	1.50	562.50	0	510	0
H TOTAL			.00	.00	2.60	1539.91	0	950	0
USER TOTAL			.00	.00	2.60	1539.91	0	950	0
USAGE TOTAL			.00	.00	3.20	2073.04	0	1250	0

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07/19/95

REPORT ON AND FLYING OPERATIONS

FLIGHT USE REPORT FOR PERIOD
100184 -- 063085

REGION UNIT 0152

USAGE 19 SURVEY/OBSERVATION

	TYPE	MODEL	FS-HRS	FS - \$	DT-HRS	DT - \$	N-PASS
USER 11	F	C-182	.00	.00	.60	48.00	3
F TOTAL			.00	.00	.60	48.00	3
USER TOTAL			.00	.00	.60	48.00	3
USER 23	F	C-182	.00	.00	1.70	136.00	4
F TOTAL			.00	.00	1.70	136.00	4
USER TOTAL			.00	.00	1.70	136.00	4
USAGE TOTAL			.00	.00	2.30	184.00	7

USAGE 24 RESEARCH

	TYPE	MODEL	FS-HRS	FS - \$	DT-HRS	DT - \$	N-PASS
USER 7	F	C-206	.60	57.00	.00	.00	0
F TOTAL			.60	57.00	.00	.00	0
USER TOTAL			.60	57.00	.00	.00	0
USAGE TOTAL			.60	57.00	.00	.00	0

USAGE 30 AERIAL PHOTOGRAPHY

	TYPE	MODEL	FS-HRS	FS - \$	DT-HRS	DT - \$
USER 6	F	T-337	.00	.00	7.08	2140.44
F TOTAL			.00	.00	7.08	2140.44
USER TOTAL			.00	.00	7.08	2140.44
USER 9	F	C-206	2.60	247.00	.00	.00
F TOTAL			2.60	247.00	.00	.00
USER TOTAL			2.60	247.00	.00	.00
USAGE TOTAL			2.60	247.00	7.08	2140.44

D-4-b

APPENDIX-D5 PRINT OUT FS-6500-122 FORMAT

Print flight data in FS-6500-122 format. Individual flight sheets can be printed in order by flight date. The following procedure should be followed to create your copy of the runstream file.

Note: Substitute a unique file name for (yourfile), your Data Base Password for (yourpassword), and your Data Base Name for (yourdatabasename).

1. @ASG,UP (yourfile).
2. @ASG, A ACUSE*LIST122.
3. @COPY ACUSE*LIST122.,(yourfile).
4. @ED,U (yourfile).
5. 3
6. C /PASS/(yourpassword)?
7. C /DBNAME/(yourdatabasename)/
8. EXIT

The above procedure creates a Report Writer runstream for your data base. It should be saved indefinitely after it is created. The data can be printed in 6500-122 format with the following commands.

Note: the report requires 132 print positions, so be sure to set the right margin to 132 before starting to run in demand mode (@@TTY W,132).

1. @ASG,A (yourfile).
2. @ADD (yourfile)
3. (beginning flight date)*(ending flight date):
Example: 10/01/84*12/31/84:

The asterisk (*) is required between the beginning and ending flight dates. The colon (:) is used to end the line.

Retrievals other than by flight date can be obtained by changing line number 62 (GENERATE LIST122 WH C3 SPANS) in the runstream file (yourfile) to a valid System 2000 WHERE clause.
>

The flight sheet, figure D-5-a, will be formatted. Be sure to use wide paper!

D-5-a

APPENDIX E S2K DATA BASE QUERIES

The S2K data base may be accessed for demand queries. contact your computer specialist for information on accessing your S2K data base through FCCC.

S2K queries:

The first thing you need prior to making demand queries is a data base description. This tells you where the items are stored in the data base so information can be retrieved. The description of the FLIGHTXX data base follows. In making queries, the item number must be preceded by a "C".

>DESCRIBE:

APPENDIX-E

>SYSTEM RELEASE NUMBER 2.95C

DATA BASE NAME IS FLIGHT01

DEFINITION NUMBER 2

DATA BASE CYCLE 143

- 1* REGION (INTEGER NUMBER 99 WITH MANY FUTURE OCCURRENCES)
- 2* SEQ-NO (INTEGER NUMBER 9(7) WITH FEW FUTURE OCCURRENCES)
- 3* FLIGHT-DATE (DATE WITH FEW FUTURE OCCURRENCES)
- 4* AGREEMENT-NO (CHAR X(20) WITH FEW FUTURE OCCURRENCES)
- 5* SUPPLY-UNIT-CD (CHAR XXXX WITH SOME FUTURE OCCURRENCES)
- 6* SUPPLY-UNIT-NM (NON-KEY CHAR X(25))
- 7* VENDOR-NM (NON-KEY CHAR X(19))
- 8* VENDOR-ADDR1 (NON-KEY CHAR X(18))
- 9* VENDOR-ADDR2 (NON-KEY CHAR X(17))
- 10* FIRE-ORDER-NO (CHAR X(15) WITH FEW FUTURE OCCURRENCES)
- 11* A/C-MAKE (CHAR X(15) WITH SOME FUTURE OCCURRENCES)
- 12* A/C-MODEL (CHAR X(8) WITH SOME FUTURE OCCURRENCES)
- 13* FS-A/C-TYPE (CHAR X WITH MANY FUTURE OCCURRENCES)
- 14* ENG-CD (CHAR X WITH MANY FUTURE OCCURRENCES)
- 15* FAA-NO (CHAR X(6))
- 16* APILOT-LST-NM (CHAR X(20))
- 17* APILOT-FST-NM (CHAR X(15))
- 18* APILOT-MI (NON-KEY CHAR X)
- 19* BPILOT-LST-NM (CHAR X(20))
- 20* BPILOT-FST-NM (CHAR X(15))
- 21* BPILOT-MI (NON-KEY CHAR X)
- 22* FLT-ORIGIN (NON-KEY CHAR X(15))
- 23* TOT-CHRGs (NON-KEY DECIMAL NUMBER 9(7).99)
- 24* OVER-NITE-LOC (NON-KEY CHAR X(9))
- 25* O/N-CHRGs (NON-KEY DECIMAL NUMBER 9(7).99)
- 26* O/N-NUM-CREW (NON-KEY INTEGER NUMBER 99)
- 27* O/N-RATE (NON-KEY DECIMAL NUMBER 999.99)
- 28* SERV-TRK-CHRGs (NON-KEY DECIMAL NUMBER 9(7).99)
- 29* S-TRK-MILES (NON-KEY INTEGER NUMBER 9999)
- 30* S-TRK-RATE (NON-KEY DECIMAL NUMBER 99.99)
- 31* OTHER-CHRGs (NON-KEY DECIMAL NUMBER 9(7).99)
- 32* GRND-TOTAL (NON-KEY DECIMAL NUMBER 9(8).99)
- 33* VENDOR-CD (CHAR X WITH MANY FUTURE OCCURRENCES)
- 34* REMARKS (NON-KEY CHAR X(26))
- 35* DUMMY1 (NON-KEY INTEGER NUMBER 99)
- 40* FLIGHTS (RECORD)
- 401* LINE-NO (INTEGER NUMBER 99 IN 40 WITH MANY FUTURE OCCURRENCE S)
- 402* USER-UNIT (CHAR XXXX IN 40 WITH MANY FUTURE OCCURRENCES)
- 403* USER-CD (INTEGER NUMBER 99 IN 40 WITH MANY FUTURE OCCURRENCE S)
- 404* FIRE/PROJ-NUM (CHAR X(20) IN 40 WITH FEW FUTURE OCCURRENCES)
- 405* FLITE-DEST (NON-KEY CHAR X(15) IN 40)
- 406* USAGE (INTEGER NUMBER 99 IN 40 WITH MANY FUTURE OCCURRENCES)
- 407* TRAIN (CHAR X IN 40 WITH MANY FUTURE OCCURRENCES)

E (continued)

APPENDIX E

408* PILOT (CHAR X IN 40 WITH MANY FUTURE OCCURRENCES)
409* NUM-CREW (NON-KEY INTEGER NUMBER 9 IN 40)
410* NUM-PASS (NON-KEY INTEGER NUMBER 99 IN 40)
411* NUM-JUMP (NON-KEY INTEGER NUMBER 99 IN 40)
412* CARGO-TYPE (CHAR X IN 40 WITH MANY FUTURE OCCURRENCES)
413* CARGO-WT (NON-KEY INTEGER NUMBER 9(5) IN 40)
414* RETARD (CHAR X IN 40 WITH MANY FUTURE OCCURRENCES)
415* RETARD-GAL (NON-KEY INTEGER NUMBER 9999 IN 40)
416* CLOCK-STRT (NON-KEY INTEGER NUMBER 9999 IN 40)
417* CLOCK-STOP (NON-KEY INTEGER NUMBER 9999 IN 40)
418* FLT-MTR-STRT (NON-KEY DECIMAL NUMBER 9(5).9 IN 40)
419* FLT-MTR-STOP (NON-KEY DECIMAL NUMBER 9(5).9 IN 40)
420* ELAPSED-TM (NON-KEY DECIMAL NUMBER 9999.99 IN 40)
421* FLT-RATE (NON-KEY DECIMAL NUMBER 9(5).99 IN 40)
422* FUEL-COST (NON-KEY DECIMAL NUMBER 99.99 IN 40)
423* CHARGES (NON-KEY DECIMAL NUMBER 9(6).99 IN 40)

E (continued)

APPENDIX E

Once the S2K data base is accessed, here are some sample queries:

1) To obtain a listing of sequence numbers and flight dates that have been entered for your supplying unit by contract number for a specified period of time:

>LIST C2,C3,C4,C5, OB C4,C3 WH C3 SPANS 07/01/84*07/15/84 AND C5 EQ 0104:

SEQ-NO	FLIGHT-DATE	AGREEMENT-NO	SUPPLY-UNIT-CD
97572	07/03/1984	53-0281-2-56	0104
97577	07/05/1984	53-0281-2-56	0104
97574	07/06/1984	53-0281-2-56	0104
97522	07/06/1984	53-0281-2-62	0104
97520	07/07/1984	53-0281-2-62	0104
97835	07/08/1984	53-0281-2-62	0104
97524	07/10/1984	53-0281-2-62	0104
97525	07/11/1984	53-0281-2-62	0104
97527	07/11/1984	53-0281-2-62	0104
97528	07/11/1984	53-0281-2-62	0104
97529	07/12/1984	53-0281-2-62	0104
97530	07/13/1984	53-0281-2-62	0104
97592	07/14/1984	53-0281-2-62	0104
97593	07/14/1984	53-0281-2-62	0104
97594	07/15/1984	53-0281-2-62	0104
281240	07/09/1984	53-0281-4-44	0104
97531	07/08/1984	53-0343-4-ID737	0104
97532	07/09/1984	53-0343-4-ID737	0104
97533	07/10/1984	53-0343-4-ID737	0104
97534	07/11/1984	53-0343-4-ID737	0104
97535	07/12/1984	53-0343-4-ID737	0104
97536	07/13/1984	53-0343-4-ID737	0104
97537	07/14/1984	53-0343-4-ID737	0104
97538	07/15/1984	53-0343-4-ID737	0104
97802	07/12/1984	55-024B-4-411	0104
97803	07/13/1984	55-024B-4-411	0104
97804	07/14/1984	55-024B-4-411	0104

The "0104" would be your supplying unit.

2) To check the data base to see if a particular sequence number has been loaded: (If one sequence number in a file has been loaded, then they all have been loaded.)

>PR C2 WH C2 EQ 97538 AND C5 EQ 0104:

> 2* 97538

The sequence number is "97538", the supplying unit is "0104".

E (continued)

APPENDIX-E

If the sequence number is not in the data base, you would get the following message:

```
---
> -342-          0 SELECTED RECORD(S) -
```

3) To obtain a listing of hours flown by a supplying unit over a specified period of time:

>LIST SUM C420 WH C406 LT 35 AND C5 EQ 0152 AND C3 SPANS 01/01/85*03/31/85:

```
---
>* SUM ELAPSED-TM
***
*          136.700
---
```

When totaling elapsed time (C420) always make the Usage Code (C406) less than (LT) 35 or you will also pick up the availability hours, extended standby hours, etc.

4) To obtain a listing of gallons of retardant dropped by an airtanker over a given period of time:

>LIST SUM C415 WH C3 SPANS 07/01/84*09/15/84 AND C4 EQ 55-024B-4-412-7 AND C5 EQ 0152:

```
>---
>* SUM RETARD-GAL
***
*          252350
```

The airtanker could be identified by FAA-NO (C15).

Region 1 has mapped Tally String commands into the FLIGHT01 data base. It is suggested that other users also map tally commands into their data bases. This allows for more versatility in retrieving demand information from S2K.

Sample *TALLY commands:

5) To obtain a listing of hours flown by supplying units in your data base over a specified period of time:

>*TALLYSUM (C420,C5) WH C3 SPANS 07/01/84*09/30/84 AND C406 LT 35:

```
---
> 5* SUPPLY-UNIT-CD (CHAR XXXX WITH SOME FUTURE OCCURRENCES )
-473- NO ERRORS HAVE OCCURRED -
-479- LOWEST SELECTED RECORD COMMON TO ALL REPORTS IS 40 -
```

E (continued)

APPENDIX-E

TALLY SUM ON 06/04/85

SUM	VALU
86.1	0102
289.4	0103
1225.1	0104
447.8	0105
427.3	0108
791.4	0110
463.6	0111
170.0	0114
220.5	0115
319.2	0116
532.9	0117
2176.3	0152
7149.54	TOTALS
12 UNIQUE VALUES	

6) To obtain a listing of vendor code hours flown over a specified period of time:

>*TALLYSUM (C420,C33) WH C3 SPANS 07/01/84*09/30/84 AND C406 LT 35:

> 33* VENDOR-CD (CHAR X WITH MANY FUTURE OCCURRENCES)
-473- NO ERRORS HAVE OCCURRED -
-479- LOWEST SELECTED RECORD COMMON TO ALL REPORTS IS 40 -

TALLY SUM ON 06/04/85

SUM	VALUE
464.3	1
6685.2	2
7149.54	TOTALS
2 UNIQUE VALUES	

7) To obtain a report of pounds of cargo hauled into a specific airport:

E (continued)

APPENDIX-E

>*TALLYSUM (C413,C405) WH ((C405 EQ MOOSE CREEK) OR (C405 EQ MOO)) AND C3 SPANS
06/01/84*09/30/84:

> 405* FLITE-DEST (NON-KEY CHAR X(15) IN 40)
-473- NO ERRORS HAVE OCCURRED -
-479- LOWEST SELECTED RECORD COMMON TO ALL REPORTS IS 40 -

> *****

TALLY SUM ON 06/04/85

SUM VALUE

```
-----
      500.0      MCC
     24655.0     MOOSE CREEK
-----
     25155.00    TOTALS
-----
           2 UNIQUE VALUES
-----
```

Destination names are tricky to work with. There may be more than one spelling or other identifier for an airport name. You will have to query for all the possibilities.

8) To obtain the flight hours flown by a particular pilot over a specified period of time:

>*TALLYSUM (C420,C3) WH C3 SPANS 08/01/84*08/31/84 AND ((C16 EQ JENSEN AND C408 EQ A) OR (C19 EQ JENSEN AND C408 EQ B)) AND C406 LT 35:

> 3* FLIGHT-DATE (DATE WITH FEW FUTURE OCCURRENCES)
-473- NO ERRORS HAVE OCCURRED -
-479- LOWEST SELECTED RECORD COMMON TO ALL REPORTS IS 40 -

> *****

TALLY SUM ON 06/04/85

SUM VALUE

```
-----
      1.4      08/01/1984
      2.5      08/03/1984
      7.6      08/06/1984
      5.6      08/07/1984
      1.9      08/09/1984
      1.0      08/10/1984
      1.0      08/11/1984
      4.8      08/13/1984
      1.2      08/15/1984
      1.8      08/16/1984
```

E (continued)

APPENDIX-E

7.8	08/22/1984
4.3	08/24/1984
0.7	08/27/1984
2.6	08/28/1984
3.8	08/29/1984
1.9	08/30/1984

49.90	TOTALS
-------	--------

16 UNIQUE VALUES

If there is more than one pilot in the data base with the last name of Jensen, you would have to make a check on the first name (C17 & C20) or FAA-NO (C15) or perhaps agreement number (C4).

9) To obtain a report of hours flown for a particular user unit over a period of time:

>*TALLYSUM (C420,C402) WH C402 EQ 0108 AND C406 LT 35 AND C3 SPANS 06/01/84*09/30/84:

> 402* USER-UNIT (CHAR XXXX IN 40 WITH MANY FUTURE OCCURRENCES)
-473- NO ERRORS HAVE OCCURRED -
-479- LOWEST SELECTED RECORD COMMON TO ALL REPORTS IS 40 -

> *****

TALLY SUM ON 06/04/85

SUM	VALUE
-----	-------

606.4	0108
-------	------

606.40	TOTALS
--------	--------

1 UNIQUE VALUES

10) To obtain hours flown on a particular aircraft for a specific period of time:

>*TALLYSUM (C420,C3) WH C406 LT 35 AND C15 EQ N111Z AND C3 SPANS 08/01/84*08/31/84:

> 3* FLIGHT-DATE (DATE WITH FEW FUTURE OCCURRENCES)
-473- NO ERRORS HAVE OCCURRED -
-479- LOWEST SELECTED RECORD COMMON TO ALL REPORTS IS 40 -

E (continued)

APPENDIX-E

> *****

TALLY SUM ON 06/04/85

SUM VALUE

2.8	08/01/1984
2.1	08/02/1984
1.9	08/03/1984
5.6	08/06/1984
1.3	08/08/1984
3.8	08/09/1984
3.9	08/10/1984
1.0	08/11/1984
5.0	08/12/1984
2.9	08/13/1984
2.4	08/14/1984
4.3	08/15/1984
1.8	08/16/1984
4.8	08/17/1984
5.1	08/20/1984
3.1	08/23/1984
2.1	08/24/1984
0.7	08/27/1984
4.5	08/28/1984
3.8	08/29/1984
1.9	08/30/1984

64.80 TOTALS

21 UNIQUE VALUES

Direct access to the data base can be made using Data General terminals. We suggest you LOG the reports back to DG so you can make hard copies of them, check for errors, mail, etc.

Erroneous information in the data base can be corrected, but care must be taken when accessing the data base using the read/write password. Do not attempt to make any changes unless you know exactly what to do. It is suggested that any access to the data base for making changes be reserved for the trained individuals.

E (continued)